APIS, I

THE MONUMENTS
OF THE HELLENISTIC-ROMAN PERIOD
FROM EGYPT

ÉTUDES PRÉLIMINAIRES AUX RELIGIONS ORIENTALES DANS L'EMPIRE ROMAIN

PUBLIÉES PAR

M. J. VERMASEREN

TOME QUARANTE-HUITIÈME

APIS, I

G. J. F. KATER-SIBBES AND M. J. VERMASEREN

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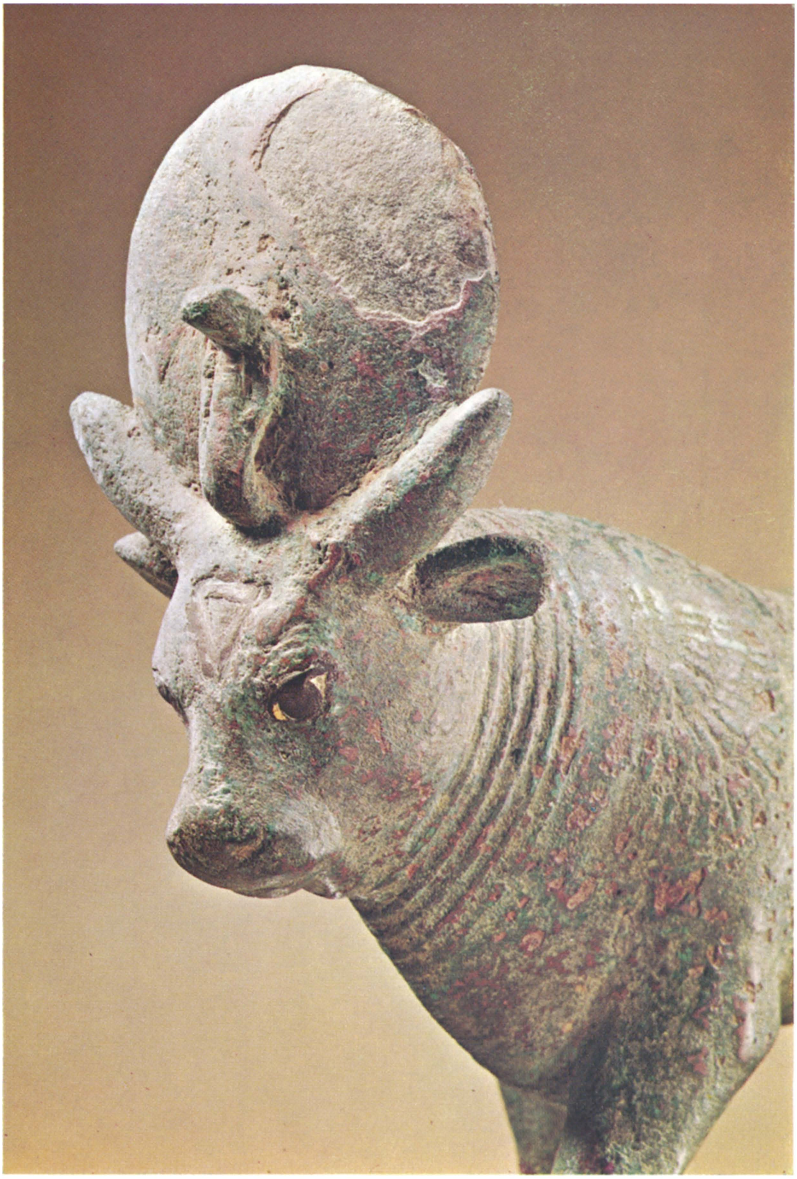

Bronze Statuette of Apis (detail of 222)

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WITH A FRONTISPIECE, 4 FIGURES, 134 PLATES AND 2 MAPS

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À notre ami Jean Leclant

Membre de l'Institut

CONTENTS

Preface IX

Bibliography and Abbreviations XIII

The Serapeum I

Catalogue 5

General index 57

Acknowledgements of the photographs 59

Plates I-CXXXIV . . . . at the end of the book

PREFACE

Those who had the opportunity to see the famous bulls in Spain or in the Dutch province of Frisia, those who look at the paintings and reliefs of the Minoan bulls, will always be impressed by their forceful stature.[1] It must be a divine force indeed which they possess, and this force is the subject of a cult.

No less a person than the sky-god Zeus identifies himself with and transformed himself into a bull. Therefore St. Paul in his letter to the Romans[2] warns against such "superstition": 'flattering themselves with the thought they are wise, they became fool, and for the glory of the immortal God they substituted statues representing mortal men, birds, quadrupeds and reptiles.' The Christian apologists too always wonder why Egyptians were able to adore a bull. Yet the Apis bull represents the divine and ever-renewing force of Osiris. And ever since the Ptolemies both forces of Osiris and Apis were united and combined into the new Hellenistic divinity Sarapis who with Isis conquered the whole Mediterranean world and later on the whole Roman Empire.[3] But this does not imply that the own personalities of both Osiris and Apis have completely disappeared. Even in the Roman imperial period – and this is an astonishing fact – Osiris, Apis and Sarapis prolonged their own individual existences.

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[1] J. R. Conrad, *Le culte du Taureau de la préhistoire aux corridas espagnoles*, Paris 1961. (transl. of *The horn and the sword*, London 1957).

[2] *Ep. Rom.* I 22-23; *cf.* about this text also M. Simon, *Hercule et le Christianisme*, Paris 1955, 18; A. Mariette, *Mémoire sur une représentation gravée en tête de quelques proscynèmes du Sérapéum, Oeuvres diverses* I (Bibliothèque égyptologique 18), Paris 1904, 278: 'Je ne dis pas que l'Égypte eut raison de peupler ses sanctuaires d'oiseaux, de quadrupèdes et de reptiles; je ne dis pas non plus que nos docteurs chrétiens, très justement choqués des formes étranges du culte égyptien, ont trop poursuivi de leurs pieux sarcasmes ce qu'Eusèbe appelle la sagesse des scarabées. Mais je crois qu'après tout la religion égyptienne a exercé sur tout ce qui l'entourait, depuis Moïse et Platon jusqu'à Porphyre et Basilide, une influence incontestable, influence que certainement elle n'eût pas obtenue, si elle n'avait porté en elle-même un principe de vitalité qu'une doctrine nourrie de dogmes sérieux avait pu seule lui donner.'

[3] L. Vidman, *Sylloge inscriptionum religionis Isiacae et Sarapiacae* (RGVV 28), Berlin 1969; Id., *Isis und Sarapis bei den Griechen und Römern*, Berlin 1970; R. E. Witt, *Isis in the Graeco-Roman World*, London 1971; M. Malaise, *Inventaire préliminaire des documents égyptiens retrouvés en Italie* (ÉPRO 21), Leiden 1972; Id., *Les conditions de pénétration et de diffusion des cultes égyp-*

In order to emphasize the importance which the Apis bull still had in these Hellenistic and Roman periods in Egypt and in the Western world we have collected not only the Apis bulls themselves but also the various types in direct connection with them. In many cases it is obvious that the representation of the bull is an object of veneration, but that conversely the Apis often expressed solely the general tendency of Egyptomany which especially prevailed during certain periods of the Roman Empire (Caligula, Vespasian, Hadrian).

In many cases it is equally difficult to ascertain whether we have really to do with an Apis or another bull. Undoubtedly the Apis bull has some characteristic traits, but a number of monuments still remain dubious and we therefore place them under a separate heading. Nor did we feel obliged to stress the interrelation and mutual influences of Apis and other (divine) bulls; in almost every Mediterranean country the bull had a special significance and played an important role in religious matters. Moreover, we did not reproduce the many Egyptian stelae of the Apis bull in demotic and hieratic script; part of this task has already been executed by the Egyptologists themselves;[4] but on the other hand we included in our catalogue some monuments of pre-Hellenistic date found in or outside Egypt.

When collecting the various data and photographs we were favoured by the most generous help of the staffs of the Musea in and outside Europe. Also the archaeological Institutes of Amsterdam and Utrecht with their elaborate libraries have much contributed to the publication of this first volume. In a following volume we shall deal with the texts and inscriptions, and in a final volume we hope to give a survey of the cult of the Apis bull. The perfect drawings of the maps are due once again to Mrs Franca E. Derksen-Janssens and

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tiens en Italie (ÉPRO 22), Leiden 1972; F. Dunand, *Le culte d'Isis dans le bassin oriental de la Méditerranée* I-III (ÉPRO 26), Leiden 1973; G. J. F. Kater-Sibbes, *Preliminary Catalogue of Sarapis monuments* (ÉPRO 36), Leiden 1973.

[4] M. Malinine – G. Posener – J. Vercoutter, *Catalogue des stèles du Sérapéum de Memphis* I-II, Paris 1968.

no less gratitude is expressed to Mr J. J. V. M. Derksen for his patient scientifical and practical assistance. The English translation was supervised by Mr J. E. W. Ansingh at Amsterdam.

We dedicated the book to our friend Dr Jean Leclant of Paris, as a token of admiration for his pioneering in the field of Egyptology especially with respect to the Hellenistic and Roman periods.

BIBLIOGRAPHY AND ABBREVIATIONS

AA	Archaeologischer Anzeiger.
AbhGöttingen	Abhandlungen der Akademie der Wissenschaften in Göttingen.
AbhMünchen	Abhandlungen der Akademie der Wissenschaften in München.
AChr	Antike und Christentum.
Adriani	Adriani, A. *Ipogeo dipinto della Via Tigrane Pascià* in *BSAA* 41, 1956, 63–86.
Adriani, *Divagazioni*	Adriani, A. *Divagazioni intorno ad una coppa paesistica del Museo di Alessandria,* 1959.
Adriani, *Rep.*	Adriani, A. *Repertorio d'arte dell'Egitto romano* I-III, Palermo 1961–1966.
AErt	Archaeologiai Ertesitö.
AJA	American Journal of Archaeology.
Akten	Akten = Ein weiterer Arbeitsbericht des 'Corpus of the late Egyptian Sculpture' (CLES) in *Akten des 24. internationalen Orientalistenkongresses München,* Wiesbaden 1959.
Alexander	Christine Alexander, *Wall-paintings of the third style from Boscotrecase* in *MetrMusSt* 1, 1929, 176–186.
AM	Mitteilungen des deutschen archäologischen Instituts, Athenische Abteilung.
Amelung	Amelung, W. *Fragment eines Votifreliefs aus Rhodos* in *RM* 16, 1901, 258–263.
Amelung, *Sk*	Amelung, W. *Die Skulpturen des Vaticanischen Museums* I-II, Berlin 1903–1908.
el-Amir	el-Amir, M. *The σῆκος of Apis at Memphis* in *JEA* 34, 1948, 51-56.
AnnIst	Annali dell'Istituto di corrispondenza archeologica.
AnnRep	Annual Report, Museum of Fine Arts, Boston.

AntCl	L'Antiquité Classique.
Anthes	Anthes, R. *Mit Rahineh,* Philadelphia 1959.
Antike Gemmen	see Scherf-Gercke-Zazoff.
AO	Der alte Orient.
AOF	Archiv für Orientforschung.
APF	Archiv für Papyrusforschung.
ArchHistBijdr	Archaeologisch-Historische Bijdragen.
Artefact	Artefact, 150 jaar Rijksmuseum van Oudheden 1818-1968, Oegstgeest 1968.
Arundale-Bonomi	Arundale, F.–J. Bonomi, *Gallery of Antiquities, selected from the British Museum,* London s.d.
ASAE	Annales du Service des Antiquités de l'Égypte.
Askew, *Cat.*	Askew, G. *A Catalogue of Roman coins,* B. A. Seaby Ltd London 1948.
AttiSocTor	Atti della Società Piemontese di Archeologia e Belle Arti per la Provincia di Torino III, Torino 1880/1881.
Auction Aladdin House	Catalogue Aladdin House Ltd, 648 Ninth Avenue, New York (N.Y.) 10036, 1971.
Auction Ars Antiqua	Ars Antiqua A.G., Lagerkatalog 3 Dezember 1967, Luzern.
Auction Atzler	Atzler, M. *Werke aegyptischer Kunst von der Frühzeit bis zur Spätantike,* Auktion 46, 28 April 1972; 27 Juni 1974, Basel.
Auction Christie	Auction Christie, Catalogue 11 July, London 1974.
Auction Ch. Ede	Small sculpture from ancient Egypt, Auction-catalogue Charles Ede Ltd, 22-25 June, London 1973.
Auction FFA	Folio Fine Arts Ltd, Catalogue 72, May 1970, London.
Auction Kricheldorf	Münzen-Medaillen-Antiken H. H. Kricheldorf, Liste 22, November 1957, Stuttgart.
Auction Kricheldorf	Münzen-Medaillen-Antiken H. H. Kricheldorf, zehnte deutsche Kunst- und Antiquitätenmesse, München, 28 Oct.-8 Nov. 1965.

Auction Parke-Bernet	Antiquities, Auction Parke-Bernet Galleries, inc. 980 Madison Avenue, New York, January 1967.
Ausf. Verz.	Ausführliches Verzeichnis der aegyptischen Altertümer, Gipsabgüsse und Papyrus, Königl. Museen zu Berlin, Berlin 1894; 1899^2.
AZ	Archaeologische Zeitung.
Babelon	Babelon, E. *Guide no 2 du Cabinet des médailles et antiques, Les pierres gravées,* Paris s.d.
Babelon	see *Recueil.*
Babelon-Blanchet	Babelon, E. – J. A. Blanchet, *Catalogue des bronzes antiques de la Bibliothèque Nationale,* Paris 1895.
Ballardini, *Eredità ceramistica*	Ballardini, G. *L'eredità ceramistica dell'antico mondo romano,* Roma 1964.
Bartoli	Bartoli, A. *Tracce di culti orientali sul Palatino imperiale* in *RendPont* 29, 1956/1957, 13-49.
Baume	Baume, P. La *Römisches Kunstgewerbe zwischen Christi Geburt und 400,* (Bibliothek für Kunst- und Antiquitätenfreunde, Band 18), Braunschweig 1964.
BCR	Bollettino della Commissione archeologica comunale di Roma.
Bd'A	Bollettino d'Arte.
Becatti	see *Scavi di Ostia.*
Belzoni, *Narrative*	Belzoni, G. *Narrative of operations and recent discoveries in the Pyramids, Temples, Tombs, and Excavations in Egypt and Nubia,* London 1822^3.
Benndorf-Schoene	Benndorf, O. – R. Schoene, *Die antiken Bildwerke des Lateranensischen Museums,* Leipzig 1867.
Bernand	Bernand, A. *Alexandrie la Grande,* Paris 1966.
BerRGK	Deutsches archaeologisches Institut. Bericht der römisch-germanischen Kommission.
Bianchi Bandinelli	Bianchi Bandinelli, R. *Rome, the centre of power,* London 1970.

Bieber, *Br. Kassel*	Margarethe Bieber, *Die antiken Skulpturen und Bronzen des (königl.) Museums Fridericianum in Cassel,* Marburg 1915.
BIEC	Bulletin de l'Institut d'Égypte Caire.
BIFAO	Bulletin de l'Institut français d'Archéologie orientale.
BiOr	Bibliotheca Orientalis.
Bissing	Bissing, F. W. von *Apis imperator* in *AOF* 3, 1926, 118f.
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Bissing, *Aeg. Kultb.*	Bissing, F. W. von *Aegyptische Kultbilder der Ptolemäer- und Römerzeit* in *AO* 34, 1936, 1-37.
BJb	Bonner Jahrbücher.
Blanchet	see Babelon.
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BMCPontus	Wroth, W. *Catalogue of Greek coins, Pontus, Paphlagonia, Bithynia, and the Kingdom of Bosporus,* London 1889.

BMCTroas	Wroth, W. *Catalogue of Greek coins, Troas, Aeolis and Lesbos*, London 1894.
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BMusHongr	Bulletin du Musée Hongrois des Beaux-Arts.
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BSAA	Bulletin de la Société Archéologique d'Alexandrie.
BSFE	Bulletin de la Société française d'Égyptologie.
Bunsen	see Gerhard-Platner.
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Chéhab	Chéhab, M. H. *Les terres cuites de Kharayeb* I-II, *BMusBeyr* X (text) and XI (Plates), Paris 1951-1954.
Chipiez	see Perrot-Chipiez.
ChrÉ	Chronique d'Égypte.
CIG	Corpus Inscriptionum Graecarum.
CIL	Corpus Inscriptionum Latinarum.
Cobet	Cobet, C. G. *Variae Lectiones* in *Mnemosyne* 7, 1858, 385-449.
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Courcelle	Courcelle, P. *L'oracle d'Apis et l'oracle du jardin de Milan = Aug. conf. 8, 11, 29* in *RHR* 139, 1951, 216-231.
CRAI	Comptes-rendus des séances, Académie des Inscriptions et Belles-Lettres.
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Dattari	see Lambros-Dattari.
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DetroitBull	Bulletin of the Detroit Institute of Arts, Detroit.
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Dohrn	Dohrn, T. *Crustae* in *RM* 72, 1965, 127-141.
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Drioton-Vandier	Drioton, E. – J. Vandier, *L'Égypte*, (Clio, Les peuples de l'orient méditerranéen II), Paris 1962^4.
DS	Daremberg, C. – E. Saglio, *Dictionnaire des antiquités grecques et romaines*, Paris 1877-1929.
Dubois	see Passalacqua.
Duhn	see Matz-Duhn.
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Edgar, *Gr. Moulds*	Edgar, C. C. *CGC*, *Greek Moulds*, Caire 1903.
Gr. Sculpt.	Edgar, C. C. *CGC*, *Greek Sculptures*, Caire 1903.
Gr. Br.	Edgar, C. C. *CGC*, *Greek Bronzes*, Caire 1904.
Sculpt. St.	Edgar, C. C. *CGC*, *Sculptors' studies and unfinished works*, Caire 1906.
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Elia, *MdP*	Olga Elia, *Le Pitture del Tempio di Iside*, (MdP III, 4), Rome 1942.
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Enc. Phot.	Encyclopédie photographique de l'Art.
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ÉPRO	Études préliminaires aux religions orientales dans l'Empire romain, Leiden 1961 ff.
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Exhib. Amsterdam 1960	5000 Jaar kunst uit Egypte, Rijksmuseum Amsterdam 16 October-31 December 1960.
Exhib. Basel	Schaetze altaegyptischer Kunst, Kunsthalle Basel 27 Juni-13 September 1953.
Exhib. Bern	Antike Kunst aus Privatbesitz Bern-Biel-Solothurn 21 October-3 Dezember 1967.
Exhib. Cambridge	Ancient Art in American Private Collections. A loan exhibition at the Fogg Art Museum of Harvard University 28 dec. 1954-15 febr. 1955, Cambridge (Mass.) 1954.
Exhib. Leiden	Het dier als motief in de antieke kunst, Rijksmuseum van Oudheden Leiden 2 Maart-4 Juni 1963.

Exhib. Mariemont	Musée de Mariemont. Catalogue des verres antiques de la Coll. R. W. Smith (Introduction par G. Faider-Feytmans) 1954.
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FA	Fasti Archaeologici.
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Floriani Squarciapino	see *Scavi di Ostia.*
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Geissen	see Cologne, *Cat.*
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IG	Inscriptiones Graecae.
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ILN	Illustrated London News.
Imhoof-Blumer	Imhoof-Blumer, F. W. – O. Keller, *Tier und Pflanzenbilder auf Münzen und Gemmen des klassischen Altertums*, Leipzig 1889.
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JbAChr	Jahrbuch für Antike und Christentum.
JbRGZM	Jahrbuch des Römisch-Germanischen Zentral Museums Mainz.
JdI	Jahrbuch des deutschen archaeologischen Instituts.
JEA	Journal of Egyptian Archaeology.
JEOL	Jaarbericht van het Voor-Aziatisch, Egyptische Gezelschap 'Ex Oriente Lux'.
JHS	Journal of Hellenic Studies.
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JS	Journal des Savants.
Kähler, *Tivoli*	Kähler, H. *Hadrian und seine Villa bei Tivoli,* Berlin 1950.
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Keller	see Imhoof-Blumer.
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Kiessling	Kiessling, E. *Die Götter von Memphis in griechisch-römischer Zeit* in *APF* 15, 1953, 7-45.

KJb	Kölner Jahrbuch für Vor- und Frühgeschichte.
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de Laet	see van der Weerd.
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Legner	see Eckstein-Legner.
Lehner, *Führer Bonn*	Lehner, H. *Führer durch das Provinzialmuseum in Bonn* I, Bonn 1924^{2}.
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Marucchi²	Marucchi, O. *Catalogo del Museo Egizio Vaticano*, Roma 1902.
MÄS	Münchner Aegyptologische Studien.
Maspero, *Cat.*	Maspero, G. *Catalogue sur fiches de tous les monuments*, Paris 1882.
Maspero, *Guide*	Maspero, G. *Guide du visiteur au Musée du Caire* 1902; *Guide to the Cairo Museum* 1903.
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Matz-Duhn	Matz, F. – F. von Duhn, *Antike Bildwerke in Rom mit Ausschluss der grösseren Sammlungen* I-III, Leipzig 1881-1882.
MDAIK	Mitteilungen des deutschen archaeologischen Instituts, Abt. Kairo.
MdP	Monumenti della Pittura antica scoperti in Italia.
Meiggs	Meiggs, R. *Roman Ostia*, Oxford 1960; 1973^{2}.
MélArchHist	Mélanges d'archéologie et d'histoire.
Mél. Mariette	Jean Sainte Fare Garnot et al., *Mélanges Mariette*, Paris 1961.
MemAccTor	Memorie dell'Accademia delle Scienze di Torino (Classe di Scienze Morali, Storiche e Filologiche), Serie 4a.
Mendel, *Sc.*	Mendel, G. *Musées impériaux ottomans. Catalogue des sculptures grecques, romaines et byzantines* I-III, Constantinople 1912-1914.
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Milne, *Coins*	Milne, J. G. *Catalogue of Alexandrian coins*, with Addenda, Oxford 1933; 1971^{2} (with Suppl.).
MJbK	Münchner Jahrbuch der bildenden Kunst.
Mionnet	Mionnet, T. E. *Description des Médailles antiques grecques et romaines* I-VII, Suppl. I-IX, Paris 1807-1837.
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Mon. dell'Ist	Monumenti dell'Istituto di corrispondenza archeologica, Paris 1857-1863.
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Montfaucon	Montfaucon, B. de *L'Antiquité expliquée et représentée en figures* I-V, Suppl. I-V, Paris 1719-1724.
Morenz	see Leipoldt-Morenz.
Moret	Moret, A. *Mystères égyptiens,* Paris 1913.
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Müller	Müller, H. W. *Isis mit dem Horuskinde* in *MJbK* 14, 1963, 7-38.
Müller	Müller, H. W. *Aegyptische Kunstwerke, Kleinfunde und Glas in der Sammlung E. und M. Kofler-Truniger, Luzern,* (MÄS 5), Berlin 1964.
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München, *Kat.*	*München, die Antiken-Sammlung am Königsplatz*^{2}, München s.d.
Murray	Murray M. A. *A Roman terracotta figure of an Apis-bull from Memphis* in *PSBA* 26, 1904, 294.
Muséon	Le Muséon, revue d'études orientales.
Mus. Marbles	Hawkins, E. *Description of the ancient marbles in the British Museum* I-IX, London 1812-1861.
Mus. de Ravestein^{2}	E. de Meester de Ravestein, *Musée de Ravestein*, Liège-Bruxelles 1884^{2}
Myers	see Mond-Myers.
Myres-Ohnefalsch	Myres, J. L. – M. Ohnefalsch Richter, *A catalogue of the Cyprus Museum*, Oxford 1899.
Nash, *Bildlexikon*	Nash, E. *Bildlexikon zur Topographie des antiken Rom* I-II, Rom 1961-1962.
Niessen	see Sammlung Niessen.
Nilsson	Nilsson, M. P. *Geschichte der griechischen Religion* I-II, München 1955-1961 (1974^{2}).
Notice Ghizeh	Notice sommaire des monuments exposés au Musée de Ghizeh 1892.
NSc	Notizie degli Scavi di Antichità.
NumChr	Numismatic Chronicle.
NumZ	Numismatische Zeitschrift.
NumZBer	Berliner Numismatische Zeitschrift.
Ohnefalsch-Richter	see Myres-Ohnefalsch.
OLZ	Orientalische Literaturzeitung.
Onofrio	Onofrio, C. d' *Gli obelischi di Roma*, Roma 1965.
OpAth	Opuscula Atheniensia.
Or	Orientalia.
Otto, *Stierkulte*	Otto, E. *Beiträge zur Geschichte der Stierkulte in Ägypten*, (Untersuchungen zur Geschichte und Altertumskunde Ägyptens 13), Leipzig 1938.
Otto, *P und T.*	Otto, W. *Priester und Tempel im ptolemäischen Ägypten* I-II, Leipzig-Berlin 1905-1908.

Otto, *Handbuch*	Otto, W. *Handbuch der Altertumswissenschaft* I, München 1939.
OudhMed	Oudheidkundige Mededeelingen uit het Rijksmuseum van Oudheden te Leiden.
Pagenstecher	see Sieglin.
PAH	Pompeianarum Antiquitatum Historia I-III, Naples 1860-1864.
Paribeni, *Mus. Naz.*	Paribeni, R. *Le terme di Diocleziano e il Museo Nazionale romano*, Roma 1932^2.
Paribeni	Paribeni, R. *Ariccia. Rilievo con scene egizie* in *NSc* 1919, 107-112.
Parlasca	Parlasca, K. *Die Isis- und Sarapisverehrung im römischen Köln* in *KJb* 1, 1955, 18-23.
Parlasca	Parlasca, K. *Osiris und Osirisglaube* in *Les syncrétismes dans les religions grecque et romaine*, (Colloque de Strasbourg 9-11 Juin 1971), Paris 1973, 95-102.
Paschetto, *Ostia*	Paschetto, L. *Ostia colonia romana, storia e monumenti*, Roma 1912.
Passalacqua	Passalacqua, J. – L. J. J. Dubois et al., *Catalogue raisonné et historique des antiquités découvertes en Egypte*, Paris 1826.
Paulovics	Paulovics, I. *Vegyes Közlések* in *AErt* 36, 1916, 190-197.
Payne	Payne, H. G. G. *Archaeology in Greece 1930-1931* in *JHS* 51, 1931, 184-210.
Pendlebury	Pendlebury, J. D. S. *Aegyptiaca. A catalogue of Egyptian objects in the Aegaean area*, Cambridge 1930.
Perdrizet, *Br.*	Perdrizet, P. *Les bronzes grecs d'Égypte de la collection Fouquet*, Paris 1911.
Perdrizet, *Tc*	Perdrizet, P. *Les terres cuites grecques d'Égypte de la collection Fouquet* I-II, Nancy-Paris-Strasbourg 1921.
Perrot-Chipiez	Perrot, G. – Ch. Chipiez, *Histoire de l'art dans l'antiquité* I-X, Paris 1882-1914 (I, *Égypte*).
Petrie, *Ehnasya*	Flinders Petrie, W. M. *Roman Ehnasya* (He-

	rakleopolis Magna), London 1905.
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Petrie, *Memphis* IV	Flinders Petrie, W. M. *Roman portraits and Memphis IV,* London 1911.
Petrie, *Tarkhan* II	Flinders Petrie, W. M. *Tarkhan* II, (Records of the Past, January 1914), London 1914.
Petrie, *Amulets*^{2}	Flinders Petrie, W. M. *Amulets* (with an introduction by G. Martin), Warminster, Wiltshire 1972^{2}.
Philipp, *Tk*	Hanna Philipp, *Terrakotten aus Ägypten im ägyptischen Museum Berlin,* Berlin 1972.
Picard	Picard, Ch. *À quoi servaient les 'Dromoi' des Serapieia* in *RA* 1953 (1), 206-209.
Picard, *Anubis*	Picard, Ch. *Anubis alexandrin du Musée d'Alger* in *Studi in Onore di Aristide Calderini e Roberto Paribeni,* Milano, III, 1956, 171-181.
Picard	see Lauer.
Pietrangeli, *Mus. Cap.*	Pietrangeli, C. *Musei Capitolini (Guida breve),* Roma 1964^{5}.
Pignorius, *Mensa Isiaca*	Pignorius, L. *Mensa isiaca,* Amstelodami 1670^{2}.
Pistorius	Pistorius, Ph. V. *Indices Antinoopolitani* (diss.), Leiden 1939.
Platner	see Gerhard-Platner.
Pleyte, *Coll. Schouten*	Pleyte, W. *Beschrijving van de verzameling Egyptische oudheden van Ds. L. Schouten Hz te Utrecht,* Leiden 1885.
Pollitt	Pollitt, J. J. *The Egyptian gods in Attica, some epigraphical evidence* in *Hesp* 34, 1965, 125-130.
Pompei and Herculanum	*Pompei and Herculanum,* Photographs by Jan Lukas, with an introduction by Sir Mortimer Wheeler, London 1966.
Popović-Mano Zisi et al.	Popović, Lj. B. – D. Mano Zisi et al., *Antička Bronza ŭ Jugoslaviji, Narodni Musej,* Beograd 1969.

Porter-Moss	Porter, B. – R. L. B. Moss, *Topographical bibliography of ancient Egyptian hieroglyphic texts, reliefs and paintings* I-VII, Suppl. I-II, Oxford 1927-1972.
Posener	Posener, G. *La première domination perse en Égypte, recueil d'inscriptions hiéroglyphiques* in *BIFAO* 11, 1936, 30-47.
Posener, *Dict.*	Posener, G. – S. Sauneron – J. Yoyotte, *Dictionnaire de la civilisation égyptienne,* Paris 1959.
Priene	Wiegand, Th. – H. Schräder, *Priene, Ausgrabungen 1895-1898,* Berlin 1904.
ProcAPhS	Proceedings of the American Philosophical Society.
Prümm	Prümm, K. *Handbuch der Religionsgeschichte,* Rom 1954.
PSBA	Proceedings of the Society of Biblical Archaeology.
PWRE	Pauly-Wissowa, Realencyclopädie der classischen Altertumswissenschaft, Stuttgart 1893 ff.
QuDAP	Quarterly of the Department of Antiquities of Palestine.
Quibell, *Saqqarah*	Quibell, J. E. *Excavations at Saqqarah 1905-1906,* Cairo 1907.
RA	Revue archéologique.
RAC	Reallexikon für Antike und Christentum, Stuttgart 1950 ff.
RAE	Revue archéologique de l'Est et du Centre-Est.
Raspe-Tassie	Raspe, E. – J. Tassie. *Catalogue raisonné d'une collection générale, pierres gravées antiques et modernes, tant en creux que camées,* Londres 1791.
R. B. Guide	*Guide to the antiquities of Roman Britain, British Museum,* London 1964^3.
RecTrav	Recueil de travaux relatifs à la philologie et à l'archéologie égyptiennes et assyriennes.

Recueil	see Waddington-Babelon-Reinach.
REG	Revue des études grecques.
REgypt	Revue d'Égyptologie.
Reinach, *Chron.*	Reinach, S. *Chronique d'Orient* II, Paris 1891.
Reinach, *Br*	Reinach, S. *Antiquités nationales. Description raisonnée du Musée de Saint-Germain-en-Laye.* II. *Bronzes figurés de la Gaule romaine,* Paris 1894.
Reinach, *PG*	Reinach, S. *Pierres gravées,* Paris 1895.
Reinach, *Cat.*	Reinach, S. *Catalogue illustré du Musée des antiquités nationales au château de Saint-Germain-en-Laye* I, Paris 1926.
Reinach, *RSGR*	Reinach, S. *Répertoire de la statuaire grecque et romaine* I-VI, Paris 1897-1930.
Reinach, *RR*	Reinach, S. *Répertoire de reliefs grecs et romains* I-III, Paris 1909-1912.
Reinisch	Reinisch, S. *Die aegyptischen Denkmäler in Miramar,* Wien 1865.
RendPont	Atti della Pontificia Accademia romana di archeologia, Rendiconti.
RevNum	Revue numismatique.
RGZM	Römisch-Germanisches Zentralmuseum zu Mainz.
Rhoné	Rhoné, A. *L'Égypte à petites journées,* Paris 1877; 1910.
RHR	Revue de l'Histoire des religions.
Richter, *Br.*	Gisela M. A. Richter, *Catalogue of the Greek, Etruscan and Roman bronzes in the Metropolitan Museum of art,* New York 1915.
Richter, *Animals*	Gisela M. A. Richter, *Animals in Greek sculpture,* London 1930.
Ridder, *Coll. de Clercq*	Ridder, A. de *Collection de Clercq.* III (1-2). *Les bronzes,* Paris 1904-1905.
Ridder, *Br. Louvre*	Ridder, A. de *Les bronzes antiques du Louvre* I-II, Paris 1913.
RIN	Rivista Italiana di Numismatica.

Ristow	Ristow, G. *Museen in Köln,* (Bulletin 7), Köln 1968.
RM	Mitteilungen des deutschen archäologischen Instituts, römische Abteilung.
Rodin	*Rodin collectionneur, Musée Rodin,* Paris 1967-1968.
Roeder, *Bronzewerke*	Roeder, G. *Aegyptische Bronzewerke,* Glückstadt-Hamburg-New York 1937.
Roeder, *Bronzefiguren*	Roeder, G. *Aegyptische Bronzefiguren,* (Mitteilungen aus der aegyptischen Sammlung VI), Berlin 1956.
Roeder, *Götterwelt*	Roeder, G. *Die aegyptische Götterwelt,* (Die aegyptische Religion in Texten und Bildern I), Zürich-Stuttgart 1959.
Roeder, *Kulte, Orakel*	Roeder, G. *Kulte, Orakel und Naturverehrung im alten Aegypten,* (Die aegyptische Religion in Texten und Bildern III), Zürich-Stuttgart 1960.
Roeder	see also Ippel.
Römer in Rumänien	Römer in Rumänien, Ausstellung des RGM Köln und des Historischen Museum Cluj, Kunsthalle Köln, 12 Febr.-18 Mai 1969.
Rolland	see Espérandieu.
Romanelli	see Botti-Romanelli.
Roscher	Roscher, W. H. *Ausführliches Lexikon der griechischen und römischen Mythologie* I-VI, Leipzig 1884-1937.
Rostovtzeff, *Tess.*	Rostovtzeff, M. *Römische Bleitesserae,* (Klio, Beiheft 3), Leipzig 1905.
Rougé	Rougé, J. de *Monnaies des nomes de l'Égypte* in *RevNum* (N.S.) XV, 1874-1877, 1-71.
Roullet	Anne Roullet, *The Egyptian and Egyptianizing monuments of Imperial Rome,* (ÉPRO 20), Leiden 1971.
Roussel	Roussel, P. *Les cultes égyptiens à Délos du 3e au 1er siècle av. J.C.,* Nancy 1916.
Rowe	Rowe, A. *Excavations of the Graeco-Roman*

	Museum at Kôm-el-Shukafa 1941/1942 in *BSAA* 35, 1942, 3-46.
Rowe	Rowe, A. *Short report on excavations of the Graeco-Roman Museum made during the Season 1942 at Pompey's Pillar* in *BSAA* 35, 1942, 124-160.
Rubensohn	Rubensohn, O. *Das Aushängeschild eines Traumdeuters* in *Festschrift Joh. Vahlen*, Berlin 1900, 1-10.
Ruesch	Ruesch, A. *Guida illustrata del Museo Nazionale di Napoli*, Napoli-München 1908.
Ruggiero	De Ruggiero, E. *Dizionario epigrafico di antichità romane*, Roma 1886 ff.
Rusch, *S et I*	Rusch, A. *De Serapide et Iside in Graecia cultis* (diss.), Berlin 1906.
Sabatier	Sabatier, J. *Description générale des médaillons contorniates*, Paris 1860.
Sacken, *Br*	Von Sacken, E. *Die antiken Bronzen des k.k. Münz- und Antiken cabinets in Wien*, Wien 1871.
Sacken-Kenner	Von Sacken, E. – F. Kenner, *Die k.k. Antikensammlungen zu Wien. Bildwerke aus Terrakotta*, Wien 1866.
Salač, *IS*	Salač, A. *Isis, Sarapis und die mit ihnen vereinten Götter nach den Zeugnissen griechischer und lateinischer Inschriften* (in Czech), Prag 1915.
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Sauneron, *Prêtres*	Sauneron, S. *Les prêtres de l'ancienne Égypte*, Paris 1962.
Sauneron	see also Posener.
SB	Preisigke, F. – Fr. Bilabel, *Sammelbuch grie-*

	chischer Urkunden aus Ägypten I, Heidelberg 1915.
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Schaaffhausen	Schaaffhausen, H. *Über den römischen Isisdienst am Rhein* in *BJb* 76, 1883, 31-62.
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Schmidt, *TK*	Schmidt, V. *De Graesk-aegyptiske Terrakotter i Ny Carlsberg Glyptotek*, København 1911.
Schneider-Graziosi	Schneider-Graziosi, G. *Di un bassorilievo egizio di imitazione proveniente dall' 'Iseum' della regione terza* in *BCR* 43, 1915, 115-122.
Schoene	see Bendorf-Schoene.
Schott	Schott, E. *Eine datierte Apisbronze* in *RÉgypt* 19, 1967, 87-99.
Schreiber	see Sieglin.
SEG	Supplementum Epigraphicum Graecum.
Sieglin	Expedition E. von Sieglin, Ausgrabungen in Alexandria. I. Schreiber, Th. *Die Nekropole von Kom-esch-Schukâfa*, Leipzig 1908. II, 1a. Pagenstecher, R. *Malerei und Plastik* I, Leipzig 1923. II, 1b. Watzinger, C. *Malerei und Plastik* II, Leipzig 1927.

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Simpson	Simpson, W. K. *A running of the Apis in the Reign of Aha and passages in Manetho and Aelian* in *Or* 26, 1957, 139-142.
Slg Horsky	Sammlung des Herrn Johann Horsky, Wien, Antike Münzen, Auction Adolph Hess Nachfolger, 30 April 1917, Frankfurt a/M.
Slg Niessen	Loeschke, S. – C. A. Niessen – H. Willers, *Beschreibung römischer Altertümer gesammelt von C. A. Niessen*, Köln 1911^3.
Smith, *Sculpt.*	Smith, A. H. *A catalogue of sculpture in the Department of Greek and Roman antiquities in the British Museum* I-III, London 1892-1904.
Smith, *Glass*	Smith, R. W. *Glass from the Ancient World*, Corning (New York) 1957.
SNG	Sylloge Nummorum Graecorum.
Snijder, *Gids*	Snijder, G. A. S. *Algemene Gids Allard Pierson Museum*, Amsterdam 1937.
Snowdon	Snowdon, F. M. *Ethiopians and the Isiac worship* in *AntC* 25, 1956, 112-116.
Snowdon, *Blacks*	Snowdon, F. M. *Blacks in Antiquity*, Cambridge (Harv. Univ. Press), 1970; 1971^3.
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Spiegelberg	Spiegelberg, W. *Ein Bruchstück des Bestattungsrituals der Apisstiere*, (Demot. Papyr. Wien 27) in *ZÄS* 56, 1920, 1-33.
Spiegelberg	Spiegelberg, W. *The god Panepi* in *JEA* 12, 1926, 34-37.
Spiegelberg	Spiegelberg, W. *Das Grab eines Grossen und seines Zwerges aus der Zeit des Nectanebos* in *ZÄS* 64, 1929, 76-83.
Staehelin	Staehelin, F. *Die Schweiz in römischer Zeit*, Basel 1931^2, 1948^3.

Stambaugh	Stambaugh, J. E. *Sarapis under the early Ptolemies,* (ÉPRO 25), Leiden 1972.
Steindorff, *Cat.*	Steindorff, G. *Catalogue of Egyptian Art in the Walters Art Gallery,* Baltimore (Maryland) 1946.
Steinmetz	see Dahlem-Steinmetz.
Stiehl	Ruth Stiehl. *The origin of the cult of Sarapis* in *HistRel* III, 1963, 21-33.
Stricker	Stricker, B. *Een Egyptisch cultusbeeld uit Grieksch-Romeinschen tijd* in *OudhMed* 24, 1943, 1-10, Pl. I-II.
Stroh	Stroh, A. *Führer durch die Sammlungen der Stadt Regensburg,* Regensburg 1958^{2}.
Stuart Jones, *Mus. Cap.*	Stuart Jones, H. *A catalogue of the ancient sculptures preserved in the Municipal Collections of Rome. The sculptures of the Musei Capitolini,* Oxford 1912.
Stuart Poole, *BMC*	Stuart Poole, R. *Catalogue of the coins of Alexandria and the Nomes in the British Museum,* London 1892.
Terrace	Terrace, E. L. B. *Ancient Egyptian jewelry in the Horace L. Mayer Collection* in *AJA* 67, 1963, 269-274.
Thiemann, *Vatergottheiten*	Thiemann, E. *Hellenistische Vatergottheiten,* (Orbis antiquus 14), Münster Wf 1959.
Toutain, *CP*	Toutain, J. *Les cultes païens dans l'Empire romain* I-III, Paris 1907-1920.
Toutain	Toutain, J. *Le culte du taureau Apis à Memphis sous l'Empire romain* in *Muséon* (S. 3) I (2), 1916, 193-202.
Tran Tam Tinh, *Isis P.*	Tran Tam Tinh, V. *Essai sur le culte d'Isis à Pompei,* Paris 1964.
Tran Tam Tinh, *Herculanum*	Tran Tam Tinh, V. *Le culte des divinités orientales à Herculanum,* (ÉPRO 17), Leiden 1971.
Tran Tam Tinh, *Campanie*	Tran Tam Tinh, V. *Le culte des divinités orientales en Campanie,* (ÉPRO 27), Leiden 1972.
Tran Tam Tinh, *Isis L.*	Tran Tam Tinh, V. *Isis lactans,* (ÉPRO 37), Leiden 1973.

Turner	Turner, E. *My Lord Apis* in *Recherches Papyrologie* II, 1962, 117-121.
Turner	Turner, E. *My Lord Apis – a further instance* in *Studien zur Papyrologie und antiken Wirtschaftsgeschichte, Fr. Oertel gewidmet,* Bonn 1964, 32-33.
UPZ	Urkunden Ptolemaeerzeit; see also Wilcken.
Vallois, *Archit. Délos*	Vallois, R. *L'architecture hellénique et hellénistique à Délos, jusqu'à l'éviction des Déliens (166 av. J.C.).* I. *Les monuments,* Paris 1944.
Vandersleyen	Vandersleyen, C. *Le Préfet d'Égypte de la colonne de Pompée à Alexandrie* in *ChrEg* 34, 1958, 113-134.
Vandier	Vandier, J. *À propos d'un groupe du Sérapéum de Memphis* in *JEA* 35, 1949, 135-138.
Vandier, *Mél. Dunand* I	Vandier, J. *Un groupe du Louvre représentant la déesse Hathor sous quatre de ses aspects, Mélanges de l'Université Saint-Joseph de Beyrouth* XLV, *Mélanges offerts à M. Maurice Dunand* I, 1969, 159-183.
Vandier, *Guide somm.*	Vandier, J. *Musée du Louvre. Guide sommaire du département des antiquités égyptiennes,* Paris 1970.
Vandier	see also Drioton-Vandier.
Vercoutter	Vercoutter, J. *Une épitaphe royale inédite du Sérapéum* in *MDAIK* 16 (Festschrift H. Junker II), 1958, 333-345.
Vercoutter, *Textes*	Vercoutter, J. *Textes biographiques du Sérapéum de Memphis,* Paris 1962.
Vercoutter	see Malinine-Posener-Vercoutter.
Vidman, *SIRIS*	Vidman, L. *Sylloge Inscriptionum Religionis Isiacae et Sarapiacae,* Berlin 1969.
Visconti, *Mus.*	Visconti, E. Q. *Oeuvres de Ennius Quirinus Visconti, Musée Pie-Clémentin,* Milan 1819.
Visconti	Visconti, C. L. *Escavazioni di Ostia dall'anno 1855 al 1858* in *AnnIst* 29, 1857, 281-340.
Visser	Visser, C. E. *Götter und Kulte im ptolemäischen*

	Alexandrien, Amsterdam 1938.
Vogt	see Sieglin.
Vogt	Vogt, J. *Die alexandrinischen Münzen der Kaiserzeit*, Stuttgart 1924.
Waddington	Waddington, W. H. – E. Babelon – Th. Reinach, *Recueil général des monnaies grecques d'Asie Mineure* I (1-4), Paris 1904-1912.
Wagner	Wagner, F. *Die Römer in Bayern*, München 1928^4.
van de Walle, *Antiq. Mariemont*	Van de Walle, B. *Les antiquités égyptiennes, grecques, étrusques, romaines et gallo-romaines du Musée de Mariemont*, Bruxelles 1952.
Wallis Budge	Wallis Budge, E. A. *The gods of the Egyptians, studies in Egyptian mythology* I-II, London 1904.
Walters, *Br*	Walters, H. B. *Catalogue of the bronzes in the British Museum*, London 1899.
Walters, *Tc*	Walters, H. B. *Catalogue of the terracottas in the Department of Greek and Roman antiquities in the British Museum*, London 1903.
Walters, *Guide*	Walters, H. B. *British Museum, Department of Greek and Roman antiquities. A guide to the exhibition illustrating Greek and Roman life*, London 1929^3.
Washburn, *Master Bronzes*	Washburn, G. B. *Master bronzes, selected from Museums and collections in America*, New York 1937.
Watzinger	see Sieglin.
Weber, *Hadr.*	Weber, W. *Untersuchungen zur Geschichte des Kaisers Hadrianus*, Leipzig 1907.
Weber, *Rel.*	Weber, W. *Drei Untersuchungen zur aegyptisch-griechischen Religion*, Heidelberg 1911.
Weber, *TK*	Weber, W. *Die aegyptisch-griechischen Terrakotten im kön. Museum zu Berlin*, (Mitteilungen aus der aegyptischen Sammlung II), Berlin 1914.
Weerd-de Laet	Van de Weerd, H. – S. J. de Laet, *Bronzen beeldjes uit het Museum van Aalst*, (Gentse

	bijdragen tot de Kunstgeschiedenis IX), Gent 1943.
Wegner	Wegner, M. *Die Musikinstrumente des alten Orients*, (Orbis antiquus 2), Münster Wf 1950.
Welcker, *AD*	Welcker, F. T. *Antike Denkmäler* I-V, Göttingen 1849-1864.
Welcker	Welcker, F. T. *Toro di sacrificio Dionisiaco* in *AnnIst* 1857, 153-160.
Wessetzky, *Kulte Ungarn*	Wessetzky, V. *Die aegyptischen Kulte zur Römerzeit in Ungarn*, (ÉPRO 1), Leiden 1961.
Wessetzky	Wessetzky, V. *Der Isis-Altar von Sopron* in *Das Altertum* 10, 1964, 154-159.
Weynants-Ronday	M. Weynants-Ronday, *Lettres inédites de Mariette* in *ChrEg* 14, 1939, 69-78.
Wiedemann	Wiedemann, A. *Die aegyptischen Denkmäler des Provinzialmuseums zu Bonn* in *BJb* 78, 1884, 122f.
Wiedemann	Wiedemann, A. *Zum Isiskult* in *BJb* 85, 1888, 158f.
Wiedemann	Wiedemann, A. *Fund einer Apis-Statuette* in *BJb* 88, 1889, 238-241; 89, 1890, 227f.
Wiedemann	Wiedemann, A. *Der Tierkult der alten Ägypter*, (AO 14), 1912, 1-32.
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Wiegand	see *Priene*.
Wielands Beyträge	Sammlung der besten deutschen prosaischen Schriftsteller und Dichter. 35 Teil: Wielands Beyträge zur geheimen Geschichte des menschlichen Verstands und Herzens, Carlsruhe 1776.
Wieseler	see Müller-Wieseler.
Wilcken, *UPZ*	Wilcken, U. *Urkunden der Ptolemäerzeit* I, Berlin-Leipzig 1927.

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Wild, *Danses*	Wild, H. *Les danses sacrées de l'Égypte ancienne,* Paris 1963.
Wilkinson, *Manners*	Gardner Wilkinson, J. *The manners and customs of the ancient Egyptians* I-III, London 1878.
Willers	see Slg Niessen.
Winnefeld	Winnefeld, H. *Die Villa des Hadrian bei Tivoli,* (*JdI,* Ergh. 3), Berlin 1895.
Witt, *Vleeshuis*	De Witt, C. *Vleeshuis. Catalogus VIII. Egypte,* Deurne-Antwerpen s.d.
Witt, *Isis*	Witt, R. *Isis in the Graeco-Roman world,* London 1971.
Woldering, *Kat.*	Woldering, I. *Ausgewählte Werke der aegyptischen Sammlung,* (Bildkataloge des Kestner-Museums Hannover I), Hannover 1958^{2}.
Woldering, *Egypt*	Woldering, I. *Egypt. The art of the Pharaohs,* (The art of the World XII), London 1965.
Wortmann	Wortmann, D. *Kosmogonie und Nilflut* in *BJb* 166, 1966, 62-112.
Wuilleumier, *Alger, Suppl.*	Wuilleumier, P. *Musée d'Alger, Supplément,* (Musées de l'Algérie et de la Tunisie), Paris 1928.
WZ	Westdeutsche Zeitschrift für Geschichte und Kunst.
Yoyotte	see Posener.
Zadoks-Josephus Jitta, *Fig. Bronzes* VII	Zadoks-Josephus Jitta, A. N. – W. J. T. Peters – A. Witteveen, *Description of the Collections in the Rijksmuseum G. M. Kam at Nijmegen.* VII. *The figural Bronzes,* Nijmegen 1973.
ZÄS	Zeitschrift für aegyptische Sprache und Altertumskunde.
Zazo	Zazo, A. *La storia di Benevento narrata al popolo,* Napoli 1951.

Zazoff	see Scherf-Gercke-Zazoff.
Zimmermann	Zimmermann, Fr. *Die aegyptische Religion nach der Darstellung der Kirchenschriftsteller und die aegyptischen Denkmäler,* Paderborn 1912.
ZDMG	Zeitschrift der Deutschen Morgenländischen Gesellschaft.
ZSchwA	Zeitschrift Schweizerische Altertümer.
A.P. Museum	Allard Pierson Museum.
RGM	Römisch-germanisches Museum.
RMO	Rijksmuseum van Oudheden.
RPMuseum	Römer-Pelizaeus Museum.
+	present whereabouts unknown.

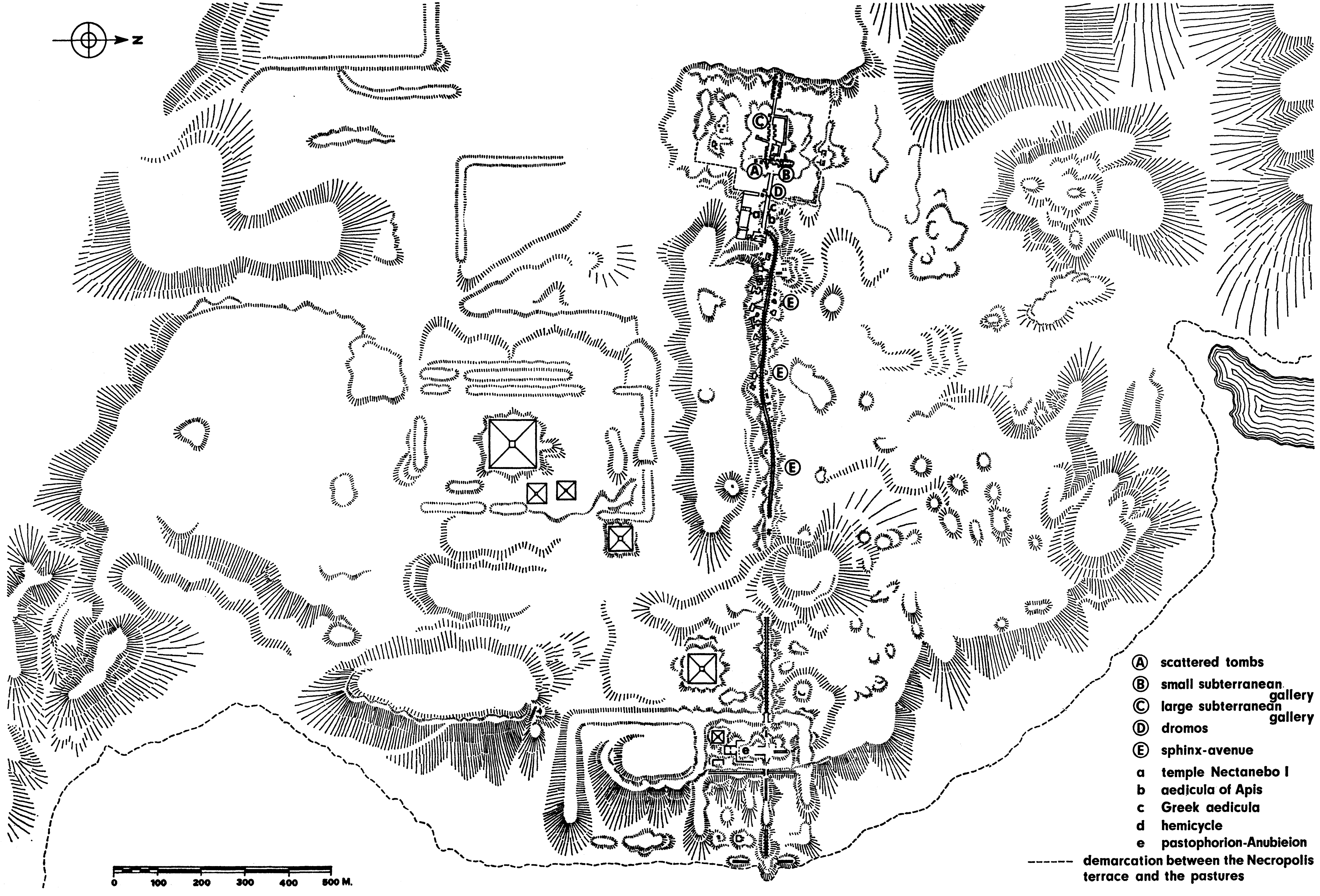
N
Ⓐ scattered tombs
Ⓑ small subterranean gallery
Ⓒ large subterranean gallery
Ⓓ dromos
Ⓔ sphinx-avenue
a temple Nectanebo I
b aedicula of Apis
c Greek aedicula
d hemicycle
e pastophorion-Anubieion
------ demarcation between the Necropolis terrace and the pastures
0 100 200 300 400 500 M.

fig 1

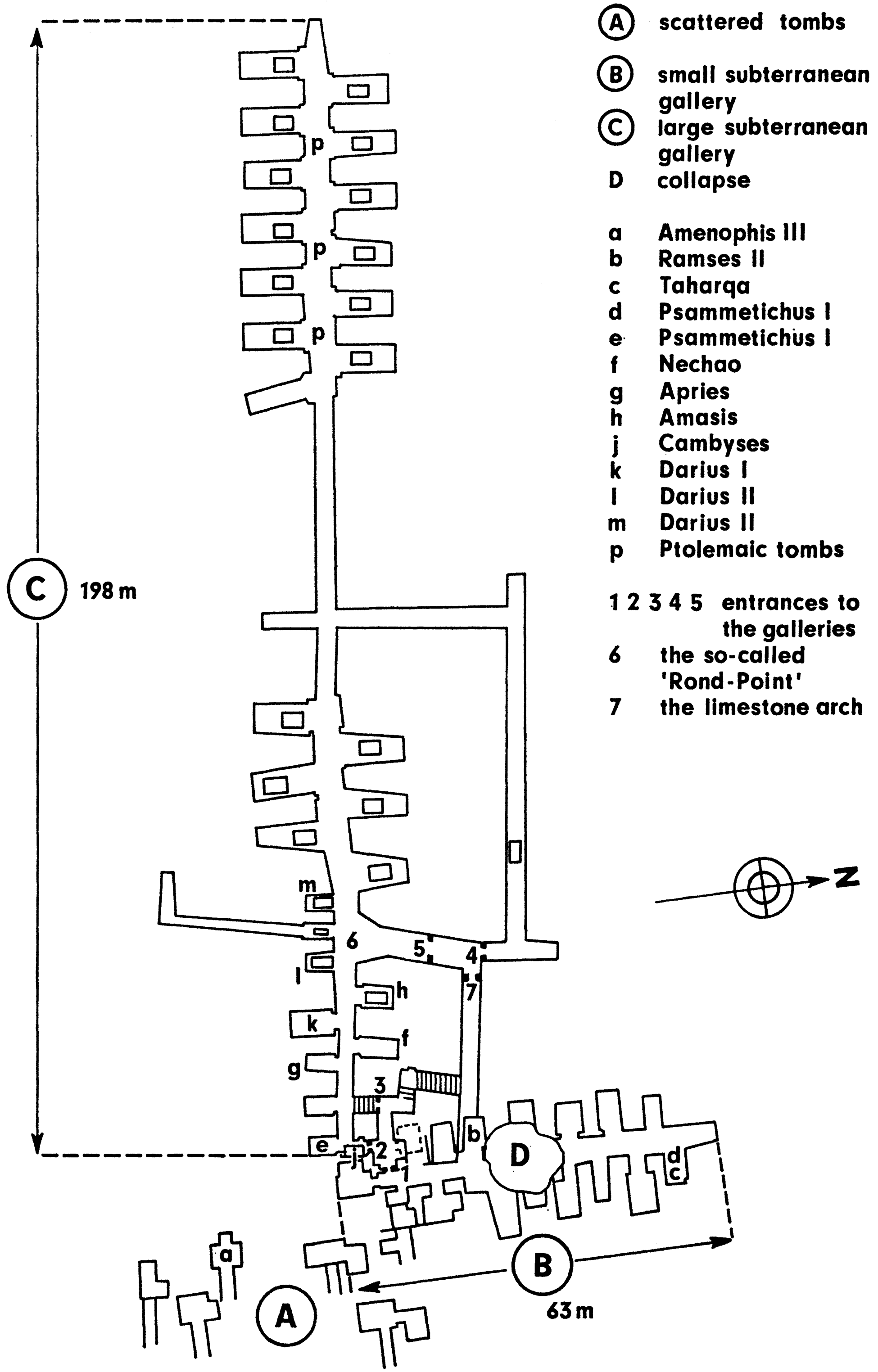
Ⓐ scattered tombs
Ⓑ small subterranean gallery
Ⓒ large subterranean gallery
D collapse
a Amenophis III
b Ramses II
c Taharqa
d Psammetichus I
e Psammetichus I
f Nechao
g Apries
h Amasis
j Cambyses
k Darius I
l Darius II
m Darius II
p Ptolemaic tombs
1 2 3 4 5 entrances to the galleries
6 the so-called 'Rond-Point'
7 the limestone arch
C 198 m
B 63 m
N

fig. 2

AEGYPTUS-MEMPHIS

The Serapeum (figs 1-2)

In the years 1850-1854 Auguste Mariette discovered in the enclosure of the Serapeum in Memphis:

1. Scattered tombs, dating from the reign of Amenophis III (18th dynasty), 1408-1372 B.C. These tombs generally consist of a subterranean room and an *aedicula* decorated with bas-reliefs; polygonal columns on the corners of the building are supporting a concave cornice. The building is placed on a massive foundation. Mariette's drawing of such an *aedicula* (Mariette-Maspero, 117, fig. 1) shows remains of roofing (see fig. 3). It is possible that a pyramid, more or less tapered, crowned the *aedicula*, like the Theban tombs with their pyramids built of stones, an aperture on top (see fig. 4). A slope downwards leads to a quadrangular chamber cut in the rocks, situated under the *aedicula*, without, however, having some connection with it. The entrance of this subterranean chamber, directed towards the east, was closed for ever. A. Mariette found 15 statuettes of Apis-headed human figures in these tombs.

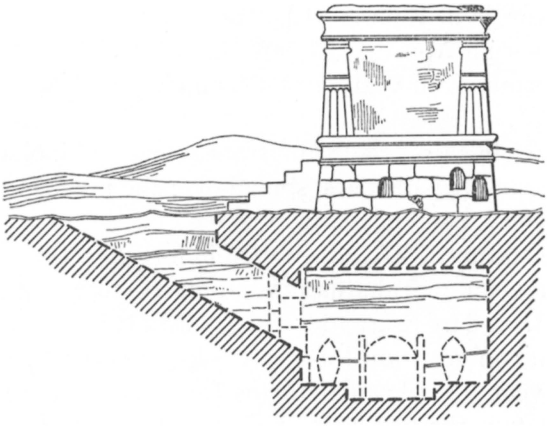

Fig. 3

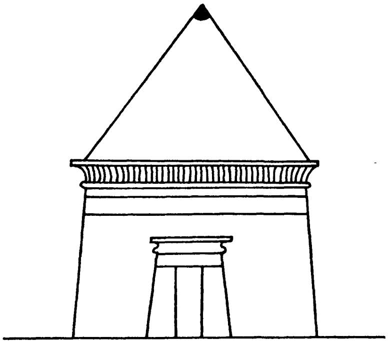

Fig. 4

2. On a road hewn out of the rock, a white limestone arch, and five entrances giving access to the declining subterranean galleries with Apis-tombs alternately facing each other: the 'small subterranean gallery' (L. 63 m.) with 14 tombs, the construction of which started in year 30 of Ramses II (19th dynasty), early 13th century B.C. Whenever an Apis died, a new chamber was constructed, and this was continued till year 21 of Psammetichus I (26th dynasty), about 642 B.C.

The findings in this 'small subterranean gallery' included:

a) A large quantity of steles, spread over the important Museums of Paris, Leyden, London, Turin, Vienna, etc.

b) Bronze statuettes of Apis-headed human figures.

During the reign of Taharqa (25th dynasty), 689-663 B.C., Memphis was destroyed by Esarhaddon in 671 B.C. It is unknown whether this had some influence on the Necropolis. It is recorded, however, that in the year 53 of Psammetichus I, ca 610 B.C., a new gallery was inaugurated, the first part of the 'large subterranean gallery', which was lengthened to 198 m. by Darius and later on by the Ptolemies. The height of this gallery is about 4-5 m. In this period the tombs were enlarged (H. ca 7-8 m.) and vaulted, the length of the chambers varying from 6-11 m., the width from 3-6 m. As regards the sarcophagi in the tombs we observe that till Amasis (26th dynasty), 568-526 B.C., wooden sarcophagi of the common type were in use, and that at the time of Amasis the monolithe granite sarcophagus with the mummy of the Apis-bull came in use. A. Mariette found 22 granite sarcophagi (H. 3-3.50 m.; W. 2.30 m.; L. 3.75-4 m.; weight of the smallest one 65000 kg). Alongside the sarcophagus, and besides the lid, two walls have been built. A stele was walled-up in the closing-wall of the tomb, as an epitaph. Many steles were found in the tombs and on the surrounding walls. After the death of an Apis in year 4 of Nectanebo I (30th dynasty), 378-360 B.C., a gallery joining those of Psammetichus I was constructed.

3. The Egyptian *aedicula*, on the north side of the Dromos: an *aedicula* with tapered walls supporting a concave, uraei-crowned architrave. The limestone Apis-bull (Cat. no 1), painted as the example given by A. Mariette (Mariette-Maspero, fig. 5), was found in this *aedicula* (Pl. A-B).

4. A mass of statuettes in bronze, serpentine, grès and alabaster, hidden under the pavement of the Dromos in the surroundings of the temple, as well as in the foundation and surroundings of the pylons, including many bronze Apis-bulls with the engravings shown in the example given by Mariette (Mariette-Maspero, fig. 6). The finds of A. Mariette are partly preserved in Egypt, partly spread over the various museums, and will be found in many private collections, at auctions, etc.

In view of the fact that the original numbering of the statuettes, according to the catalogue of Mariette (which unfortunately can no longer be consulted) was lost in the course of the years, it is not out of question that many of the Apis-statuettes mentioned in our catalogue under the heading 'Provenance unknown' are actually coming from Memphis.

Note: In our catalogue, no reference is made to the steles and the mummified Apis; for the classification of the dynasties 'Drioton-Vandier, *L'Égypte*' was consulted. For Memphis during the 25th dynasty, see: J. Leclant-J. Yoyotte in *BIFAO* 51, 1952, 28. For the Serapeum burials of the Napatan period: J. Vercoutter, *The Napatan Kings and Apis Worship* in *Kush* 8, 1960, 62-76, Pls XXI-XXII. The date of Taharqa's reign (689-633) is that of G. Schmidt, *Das Jahr des Regierungsantritts König Taharqas* in *Kush* 6, 1958, 121-129, but other scholars propose the period of 690-664 as Professor Leclant kindly suggests: A. Spalinger in the *Journal of the American Research Center in Egypt* 10, 1973, 101; K. A. Kitchen, *The Third Intermediate Period in Egypt* (1100-650 B.C.), Oxford 1973, 163.

AEGYPTUS

Memphis, Serapeum

1. Painted limestone statue of Apis (H. 1.28, L. 1.54), left legs forwards, standing on a socle. Sun-disc with uraeus (partly missing) between the horns. Next to nothing of the painting has been left. 30th dynasty (378-341 B.C.).
Paris, Louvre, inv. no N 390.

Mariette-Maspero, 29, f; Boreux, 168, Pl. XX; Otto, *Handbuch*, 625, n. 2; Desroches, *s.v.* taureau Apis, with figure; Lauer-Picard, 13, fig. 8; 14, fig. 9; Pl XVII a-b; Lauer, *Mél. Mariette*, 9; Vandier, *Guide somm.*, 34; Roullet, Pl. XII, 18-19; Vandier-Sougez, *Le Louvre, La sculpture égyptienne*, Pl. XXVII.

2. Bronze statuette of Apis (H. 0.065), left legs forwards, standing on a base. Sun-disc with uraeus between the horns, triangle on the forehead; engraved: a collar, winged scarab, a cover, and a vulture with wings spread. Gift of Mariette to the Duke of Brabant; ancient Collection of King Leopold II.
Brussels, Musée Cinquantenaire, inv. no E 6905.

Unpublished. Information received by courtesy of Mr C. de Wit

3. Bronze statuette of Apis (H. 0.24, L. 0.23), left legs forwards, standing on a base with an Egyptian inscription on a sledge. Sun-disc with uraeus between the horns, triangle on the forehead, inlaid eyes; engraved: a collar of lotus buds and lotus flowers, and a cover between winged (?) scarabs.
Cairo, Egyptian Museum, inv. no J 2748.

Exhib. Amsterdam 1960, no 120.

4. Bronze statuette of Apis (H. 0.175), left legs forwards, standing on a base with an inscription in hieroglyphics and in the Carian language. Sun-disc with uraeus between the horns; engraved: a broad collar, a winged sun, a cover, and a vulture with wings spread. Date: 571-528 B.C. (according to A. Mariette).

Cairo, Egyptian Museum, inv. no 49061.

Mariette, *Notice* 1864, 92, no 9; *Journal d'entrée*, no 49061; Roeder, *Götterwelt*, 37, Pl. IV; *cf.* Mariette, *Mon. Div.*, Pl. CVI (= *Guide* 1915, no 4491); O. Masson - J. Yoyotte in *IFAO* 15, 1956, 40 ff.

5. Grey serpentine statuette of Apis (H. 0.135, L. 0.175), left legs forwards, standing on a base, its head above an altar (placed on the base); a sun-disc with uraeus between the horns, a triangle on the forehead, a decoration of a globule (with rays) in the ears; engraved: a collar, a winged hawk, a winged scarab, and a vulture with spread wings.

Cairo, Egyptian Museum, without inv. no.

Unpublished. *Cf.* Mariette, *Notice* 1864, 112, no 104; he mentions *s.v.* no 103 another grey serpentine statuette of Apis (H. 0.11) standing in front of an altar with victuals, and with the same engravings as no 104.

6. Bronze statuette of Apis (H. 0.20, L. 0.202), both forelegs and hindlegs side by side, standing on a base with an Egyptian inscription. Sun-disc with uraeus between the horns, gold inlaid eyes, triangle on the forehead (remainder of probably gold); a winged uraeus-sun, a cover, and a winged scarab are engraved.

Paris, Louvre, inv. no AF 2894 (N 5073).

Unpublished.

7. Bronze statuette of Apis (H. 0.107, L. 0.099), left legs forwards, standing on a base with an Egyptian inscription. Sun-disc with uraeus between the horns, silver inlaid triangle on the forehead; engraved: a collar, a vulture with spread wings, a cover, and a vulture with spread wings.

Paris, Louvre, inv. no N 5164 h.

Unpublished.

8. Bronze statuette of Apis (H. 0.108, L. 0.11), left legs forwards, standing on a plate decorated with lines. The horns, forming a crescent, bear the sun-disc with uraeus. Three concentric triangles on the forehead incised. Engraved: undulating lines on its neck, and a cover between wings.

Paris, Louvre, inv. no N 5164 g.

Unpublished.

9. Bronze statuette of Apis (H. 0.077, L. 0.105), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns; an engraved cover between winged unidentifiable animals.

Paris, Louvre, inv. no N 5164 i.

Unpublished.

10. Bronze statuette of Apis (H. 0.072, L. 0.09), standing with its legs side by side (part of the forelegs missing). Sun-disc with uraeus between the horns, triangle on the forehead; engraved: a collar, and a cover between winged suns.

Paris, Louvre, inv. no E 17125.

Unpublished.

11. Bronze statuette of Apis (H. 0.068, L. 0.085), standing on a plate. Sun-disc with uraeus between the horns (partly broken), no engravings.

Paris, Louvre, inv. no E 17126.

Unpublished.

12. Bronze statuette of Apis standing on a plate. Sun-disc with uraeus between the horns. The tall body is engraved with a coarse design. (H. 0.073, L. 0.076).

Paris, Louvre, inv. no E 17127.

Unpublished.

13. Bronze statuette of Apis, like the preceding number. (H. 0.063, L. 0.063).

Paris, Louvre, inv. no E 17128.

Unpublished.

14. Bronze statuette of Apis, like the preceding number. (H. 0.044, L. 0.051). The sun-disc with uraeus broken.
Paris, Louvre, inv. no E 17129.

Unpublished.

15. Bronze statuette of Apis, like the preceding number. (H. 0.054, L. 0.058).
Paris, Louvre, inv. no E 17130.

Unpublished.

16. Bronze statuette of Apis, like the preceding number. (H. 0.054, L. 0.054).
Paris, Louvre, inv. no E 17133.

Unpublished.

17. Bronze statuette of Apis (H. 0.06, L. 0.06), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns, triangle on the forehead; the engravings represent a thin collar, a cover between wings, and scratches on the hind- part of the body. Coarse work.
Paris, Louvre, inv. no E 17131.

Unpublished.

18. Bronze statuette of Apis (H. 0.057, L. 0.06), left legs forwards, standing on a plate in the shape of a S. Sun-disc with uraeus between the horns, incised triangle on the forehead; (?) engravings.
Paris, Louvre, Inv. no E 17132.

Unpublished.

19. Bronze statuette of Apis (H. 0.05, L. 0.056), both forelegs and hindlegs side by side, standing on a plate. Sun-disc with uraeus between the horns, triangle on the forehead; an engraved cover; the tail is decorated with three pairs of stripes; a support behind the disc.
Paris, Louvre, inv. no E 17134.

Unpublished.

20. Bronze statuette of Apis (H. 0.07, L. 0.072) standing on a plate. Sun-disc with uraeus between the horns; engraved: a winged scarab, a cover, and a vulture with wings spread.

Paris, Louvre, inv. no E 17135.

Unpublished.

21. Bronze statuette of Apis (H. 0.075), left legs forwards, standing on a base with an Egyptian inscription. Sun-disc with uraeus between the horns; a collar and a cover are engraved.

Paris, Louvre, inv. no E 17136.

Unpublished.

22. Bronze statuette (H. 0.19): head of Apis, sun-disc with uraeus between the horns, triangle on the forehead, on a human body, left leg forward, standing on a quadrangular base with an Egyptian inscription: Osiris-Apis. 26th dynasty (633-525 B.C.).

Cairo, Egyptian Museum, inv. no 38589.

Mariette, *Notice* 1864, 112, no 102; 1876, no 207; *Notice de Ghizeh*, no 1029; Maspero, *Cat.*, no 2494; *Journal d'entrée*, no 131; Daressy, *CGC, Statues*, 153, Pl. XXXII; Roeder, *Bronzefiguren*, 61, § 95 b.

23. Bronze statuette (H. 0.138): head of Apis, sun-disc with uraeus between the horns, on a human body of which the lower parts of the legs are broken. 26th dynasty (633-525).

Cairo, Egyptian Museum, inv. no 38589 bis.

Daressy, *CGC, Statues*, 153; *Journal d'entrée*, no 36729; Roeder, *Bronzefiguren*, 61, § 95 b.

24. Bronze statuette (H. 0.225): head of Apis, sun-disc with uraeus between the horns, triangle on the forehead, on a human body standing on a quadrangular base with Egyptian inscription, placed on a papyrus-column between two lotus flowers. A winged scarab with a disc between its forelegs is engraved on the *klaft* at the back of the head.

Cairo, Egyptian Museum, inv. no 38590.

Mariette, *Notice* 1864, no 83; 1876, no 187; Maspero, *Cat.*, no 1831; Daressy, *CGC, Statues*, 153f, Pl. XXXII.

25. Painted limestone stele (H. 0.35, W. 0.25) in the shape of a Greek temple with nude female Atlantes on pillars, allegedly found in the neighbourhood of the *pastophorion*. A Greek inscription: Ἐνύπνια κρίνω τοῦ ϑεοῦ πρόσταγμα ἔχων ·Τύχ[ᾳ] ἀγαϑᾷ· Κρής ἐστιν ὁ κρίνων τάδε below which a representation of Apis is painted in black and white, triangle on its forehead, the right legs forwards, standing to the left, facing a high quadrangular horned altar. 3rd or 2 nd century B.C. (E. Bernand, *Inscriptions métriques de l'Egypte gréco-romaine*, Leiden 1969, 436).
Cairo, Egyptian Museum, inv. no 27567.

Cobet in *Mnemosyne* 7, 1858, 432; *JS* 1879, 470ff; Mariette in *CRAI* 7, 1879, 130ff, no 3; Maspero, *Guide*, no 5633, p. 385; Id., *Notice* 1895-1897, 385, no 381; *PWRE*, *s.v.* Aretalogoi, *col.* 671f; Rubensohn in *Festschr. J. Vahlen*, 1-10 and Plate ('Aushängeschild'); *AA* 16, 1901, 201, no 11, fig. 3; Edgar, *Gr. Sculpt.*, 53, no 27567, Pl. XXV ('probably the sign-board of a professional interpreter of dreams at the Sarapeion'); Roeder, *Kulte, Orakel*, 194, Pl. XIV; J. Quaegebeur in *BIFAO* 69, 1971, 196, n. 2; G. Grimm - D. Johannes, *Kunst der Ptolemäer- und Römerzeit im ägyptischen Museum Kairo*, Mainz 1975, 18, no 12 with Pl. 13 and previous bibliography.

Memphis, Dromos

26. Lower part of a statue, made of limestone with shells, of Khâmwêsé (son of Ramses II) standing on a socle with an Egyptian inscription (pres. H. 1.04); Khâmwêsé with both hands holding a rectangular *naos*, on a socle, in which an Apis-headed personage, sun-disc and uraeus between the horns, sceptre in his left and an *anch*-sign in his right hand. On the pediment of the *naos* a representation of Khâmwêsé offering to a jackal on a socle; on the side-walls a representation of a bull in front of a manger in the form of a calyx. Found near the south wall of the Dromos, 17 m. east of the present entrance to the subterranean galleries. Traces of blue colour in the inscription. Saqqarah, in the court of the managereal headquarters of the excavations.

Drioton in *ASAE* 41, 1942, 21-27, Pl. I.

27. Limestone statue (head and part of the shoulders broken) of Ramses-em-Peramen (pres. H. 1.11) holding an Egyptian chapel on a base (H. 0.30, W. 0.445, D. 0.70) before him. The whole is placed on a socle with an Egyptian inscription. In the chapel a bull-headed personage; an Egyptian inscription on the columns of the chapel; Apis standing before a manger in the form of a calyx with foot in relief on the outer side walls. On the chapel a *naos* in which a damaged mummyform figure is standing.

Saqqarah, in the court of the managereal headquarters of the excavations.

Drioton in *ASAE* 41, 1942, 27, 35, Pl. II (because of the character of the text the figure may be found in the neigbourhood of the Serapeum).

Memphis, Hemicycle

28. Blue schist small statuette of Apis (H. 0.10, L. 0.12), left legs forwards, standing on a base in form of a sledge. Sun-disc with uraeus between the horns, engraved triangle on the forehead. Two vultures with spread wings are engraved on its back. Found below the surface of a site on which an *aedicula* has been constructed to shelter the sculptures of the hemicycle of the Serapeum.

Cairo, Egyptian Museum, inv. no J89607.

Lauer in *ASAE* 54, 1956, 111, Pl. IV, 1-2; *FA* XII, 1959, no 4316.

Memphis, Apis-Necropolis

29. Bronze statuette of Apis (H. 0.09), left legs forwards, standing on a base with an Egyptian inscription. One horn and part of the sun-disc broken, triangle on the forehead; engraved: a collar, a vulture with spread wings, a cover, and a winged scarab. Gift of Mr Travers.

Berlin, Staatliche Museen, inv. no 7491.

Roeder, *Bronzefiguren*, 325, § 411, d, 2; 328, § 413, f, Pl. XLVII m, fig. 431 (inscription).

30. Bronze statuette of Apis (H. 0.078), left legs forwards, standing on a thick plate. Sun-disc with uraeus between the horns. Engraved: a vulture with spread wings, a cover, and a winged scarab. In 1881 acquired from Mr Brugsch.

Berlin, Staatliche Museen, inv. no 8009.

Roeder, *Bronzefiguren*, 325, § 411, d, 3; 329, § 413, h, Pl. XLVIII e; Schott in *RÉgypt* 19, 1967, 91.

31. Rectangular white limestone plaque (H. 0.18, W. 0.245) with, in relief, Apis, left legs forwards, walking to the right, painted black and white. Red painted uraeus-sun between the horns; on the back of the plaque a human eye and a human head painted black.
Cairo, Egyptian Museum, inv. no 33437 A.

Journal d'entrée, no 35763; Edgar, *Sculpt. St.*, 66, Pl. XXXII, no 33437 A.

Memphis, Necropolis

32. Figures of Bes and Beset (in high relief) were discovered in a room at the right of the entrance to the Necropolis of Memphis (H. 1.50). At the left of these figures a female figure of much smaller proportions is standing, above the head of which is a painting. Of the representation only the tail and the hindlegs of an Apis bull are preserved. The bull is standing to the left before an altar, probably in a *naos*, amid a decoration of bees on a vine.

Quibell, *Saqqarah* 1905/1906, Pls I and XXIX; Michailidis in *BIEC* XLV, 1963/1964 (1968), 58f.

Memphis

33. Bronze statuette of Apis (H. 0.075) standing on a thick plate, the head slightly turned to the left. Curls on the forehead. Between the horns a sun-disc with a crescent; on both sides of the body a crescent and a sun-disc; engraved lines on the breast.
Antwerp, Museum Vleeshuis, inv. no 79.1.72.

Allemant, *Catalogus*, no 72; Génard, *Cat.*^{4}, 19, no 72; Roeder, *Bronzefiguren*, 332, § 421, b, fig. 442; Castiglione in *BMusHongr* 18, 1961, 28 n. 28; *Vleeshuis, Cat.* VIII, no 212.

34. Bronze statuette of Apis (H. 0.055), both the forelegs and hindlegs side by side, standing on a plate; sun-disc with uraeus between the horns, triangle on the forehead; engraved: a collar, a winged scarab, and a vulture with spread wings.
Antwerp, Museum Vleeshuis, inv. no 79.1.76.

Génard, *Ant.*, 76; *Vleeshuis, Cat.* VIII, no 208.

35. Bronze statuette of Apis (H. 0.065, L. 0.055), left legs forwards, standing on a base. Sun-disc with uraeus between the horns; engraved: a collar, winged scarab, a cover, and a vulture with wings spread. Formerly Coll. Bartholdy. From Celle, Städtisches Museum in 1903 to Berlin, Staatliche Museen, inv. no 219.

Roeder, *Bronzefiguren*, 325, § 411, b, 4; 329, § 413, m, Pl. XLVIII i.

36. Bronze statuette of Apis (H. 0.091, L. 0.085), left legs forwards, standing on a base. Sun-disc with uraeus between the horns; engraved: a broad collar, a winged scarab, a cover, and a vulture with wings spread. In 1859 acquired from Mr Brugsch.

Berlin, Staatliche Museen, inv. no 2573.

Roeder, *Bronzefiguren*, 325, § 411, b, 2; 327, § 413, b, Pl. XLVII o, fig. 427.

37. Bronze statuette of Apis (H. 0.054, L. 0.049), left legs forwards, standing on a plate; sun-disc with uraeus between the horns, triangle on the forehead; engraved: a collar consisting of three lines, a winged scarab, a cover, and a vulture with wings spread. Formerly Coll. Brugsch.

From Celle, Städtisches Museum in 1903 to Berlin, Staatliche Museen, inv. no 2579.

Roeder, *Bronzefiguren*, 325, § 411, b, 5; 329, § 413, o, Pl. XLVIII l.

38. Bronze statuette of Apis (H. 0.05, L. 0.068). Sun-disc with uraeus missing. Engraved: a collar, a winged scarab, a cover, and a vulture with wings spread. There is a hole in its belly. In 1877 acquired from Mr W. Nerenz.

Berlin, Staatliche Museen, inv. no 7435.

Roeder, *Bronzefiguren*, 325, § 411, b, 6; 329, § 413, p.

39. Bronze statuette of Apis (H. 0.098), left legs forwards, standing on a base with remains of an Egyptian inscription. Sun-disc with uraeus between the horns, triangle on the forehead; engraved: a broad collar, a winged scarab, a cover, and a vulture with spread wings. In 1818 acquired from Mr Brugsch.

Berlin, Staatliche Museen, inv. no 8010.

Roeder, *Bronzefiguren*, 325, § 411, b, 3; 329, § 413, i, Pl. XLVIII f.

40. Bronze statuette of Apis (H. 0.105, L. 0.103), left legs forwards, standing on a plate (part of the plate, the right hindleg and the tail are missing). Sun-disc with uraeus between the horns, triangle on the forehead; engraved: a broad collar, a winged scarab, a cover, and a vulture with wings spread.

Berlin, Staatliche Museen, inv. no 9706.

Roeder, *Bronzefiguren*, 325, § 411, b, 7; 330, § 413, r, Pl. XLVIII h.

41. Blue schist statuette of Apis (H. 0.10), left legs forwards, standing on a sledge; sun-disc with uraeus between the horns, triangle engraved on the forehead; on the body is engraved a cover between vultures with spread wings. At the back of the disc a veil is hanging.

Cairo, Egyptian Museum, inv. no 4.2.1912.

Unpublished. Information and photographs received by courtesy of Miss F. Dunand.

42. Terracotta protome of Apis (H. 0.14), sun-disc with uraeus between the horns; a ribbon with a crescent and two globular objects around the neck. Remains of white coating and some painting. In 1910 found in House B in Memphis-East. Date: ca 50 A.D. (Petrie).

Copenhagen, Ny Carlsberg Glyptothek, inv. no AE.I.N. 1214.

Petrie, *Memphis* III, 45, *s.v.* no 78, Pl. XL, 14; Schmidt, *TK*, 88, Pl. LX, fig. 180.

43. Terracotta protome of Apis (H. 0.15), between the horns a sun-disc with, in relief, a head of Sarapis; a ribbon with a crescent around its neck. Remains of painting, especially on the eyes. Found in 1910. Date: ca 50 A.D. (Petrie).

Copenhagen, Ny Carlsberg Glyptothek, inv. no AE.I.N. 1215.

Petrie, *Memphis* III, 45, *s.v.* no 78, Pl. XL, 15; Schmidt, *TK*, 88, Pl. LX, fig. 179; Kater-Sibbes, 12, no 63, Pl. II.

44. Bronze statuette of Apis (H. 0.12), left legs forwards, standing on a base. Sun-disc with uraeus between the horns, gilded eyes.

Engraved: a collar, a vulture with spread wings, a cover, and a winged scarab.

Hildesheim, RPMuseum, inv. no 40.

Ippel-Roeder, 119, no 40, fig. 46; Roeder, *Bronzewerke*, 41, § 175, d; 41f, § 175-176, Pl. XXVII k-l, fig. 105-107; Id., *Bronzefiguren*. 325, § 411, d, 1,

45. Bronze statuette of Apis (H. 0.077), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns. Engraved: a winged sun, a cover, and a winged sun.

Hildesheim, RPMuseum, inv. no 71.

Ippel-Roeder, 119, no 71; Roeder, *Bronzewerke*, 41f, § 175-177, Pl. XXVII i, fig. 108; Id., *Bronzefiguren*, 325, § 411, e, 1.

46. Bronze statuette of Apis (H. 0.063), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns, triangle on the forehead (the upper horizontal line of the triangle is omitted); engraved: a cover between wings.

Hildesheim, RPMuseum, inv. no 73.

Ippel-Roeder, 119, no 73; Roeder, *Bronzewerke*, 41ff, § 175-178, Pl. XXVII h, fig. 109; Id., *Bronzefiguren*, 325, § 411, e, 2.

47. Bronze statuette of Apis (H. 0.046), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns; engraved: a collar of three lines, a winged scarab, a cover, and a vulture with wings spread.

Hildesheim, RPMuseum, inv. no 74.

Ippel-Roeder, 119, no 74; Roeder, *Bronzewerke*, 41ff, § 175-179, Pl. XXVIII e, fig. 110; Id., *Bronzefiguren*, 325, § 411, b, 1.

48. A terracotta disc (diam. 0.135) decorated with reliefs: in a border of lotus buds is shown a head of Apis, rosette between the horns; the triangle between the eyebrows is filled up with curls; below the horns a large nail-shaped object (*infulae*?). Roman imperial period.

Hildesheim, RPMuseum, no 1996.

Ippel-Roeder, 152, no 1996 (cake-forms).

49. A terracotta disc (diam. 0.175) decorated with reliefs: Apis, left legs forwards, standing on a plate to the right, the head turned to front, before an altar. Behind Apis two torches joined by a garland; from the ears a *taenia* is hanging; a disc under the head; the representation is surrounded by lotus buds between cables. Found in ruins of the quarter of the corporations.

Hildesheim, RPMuseum, no 2052.

Ippel-Roeder, 152, no 2052.

50. Bronze statuette of Apis (H. 0.135, L. 0.135), left legs forwards, standing on a base. Sun-disc with uraeus between the horns, the eyes were originally gold inlaid, triangle on the forehead; engraved: ten flowing lines on its neck, a winged scarab, a cover, and a vulture with wings spread. 30th dynasty (387-341 B.C.).

Kassel, Landesmuseum (Staatliche Sammlungen, Antiken-Abteilung), inv. no B 10.

Caylus I, 41ff, Pl. XII; Bieber, *Br. Kassel*, 76, no 263, Pl. XLVII; Roeder, *Bronzewerke*, 41, n. 5; Id., *Bronzefiguren*, 325, § 411, b, 8, fig. 422-424.

51. Bronze statuette of Apis (H 0.125, L. 0.145), left legs forwards, standing on a base with remains of an Egyptian inscription. The sun-disc is missing, the eyes are inlaid with silver, an incised triangle on the forehead; engraved: a broad collar, a vulture with spread wings, a cover, and a winged scarab. Apis together with a king kneeling before him is placed on a modern marble base. Between the king's hands an (?) offering. Probably from Memphis.

London, British Museum, inv. no 22920.

Unpublished.

52. Bronze statuette of Apis (H. 0.076, L. 0.076), left legs forwards, standing on a base with remains of an Egyptian inscription. Sun-disc with uraeus between the horns, eyes gold inlaid, silver inlaid triangle on the forehead; engraved: a collar, a winged scarab, a cover, and a vulture with wings spread. Gift of the Dowager Viscountess Wolseley in 1919. Probably from Memphis.

London, British Museum, inv. no 54482.

Unpublished.

53. Bronze statuette of Apis (H. 0.065), L. 0.05), left legs forwards standing on a plate. Sun-disc with uraeus between the horns, triangle on the forehead; engraved: a collar, and a cover between winged scarabs. The sun-disc is rather large compared with the head.

München, Coll. H. Liebmann.

Liebmann, *Tierbr.*, no 21, Pl. IV.

54. Bronze statuette of Apis (H. 0.10), left legs forwards, standing on a base. Sun-disc with uraeus between the horns, the eyes and the triangle are gold inlaid; engraved: a broad collar, a winged scarab, a cover, and a vulture with wings spread.

Paris, Louvre, inv. no E 3654.

Enc. Phot. I, no 122B; Roeder, *Bronzefiguren*, 325, § 411, b, 10; 327; Schott in *RÉgypt* 19, 1967, 90, n. 4 (sees an engraved crescent underneath the collar).

55. Bronze statuette of Apis (H. 0.10, L. 0.12), left legs forwards, standing on a plate; sun-disc with uraeus between the horns; the tail is missing. In front of Apis a kneeling adorant. Both are placed on a base decorated with three undulating lines.

Turin, Museo Egizio, no 832.

Fabretti, *Cat.*, no 832.

56. Steatite statuette of Apis (H. 0.06), left legs forwards (parts of the legs are broken), the space between the legs is filled up. Sun-disc with uraeus between the horns, triangle on the forehead; engraved: three vultures with spread wings.

Turin, Museo Egizio, no 818.

Fabretti, *Cat.*, no 818.

57. Bronze statuette of Apis (H. 0.10, L. 0.10), left legs forwards, standing on a thick plate. Sun-disc with uraeus between the horns (the tail of the uraeus is shown behind the disc). In 1878 acquired from the Collection Miramar.

Vienna, Kunsthistorisches Museum, inv. no 5512.

Hopfner, *Tierkult*, 76f; Roeder, *Bronzefiguren*, § 412, 327.

58. Bronze statuette of Apis (H. 0.118, L. 0.11), left legs forwards, standing on a base. Sun-disc with uraeus between the horns, triangle on the forehead. Engraved: a collar, a winged uraeus-sun, a cover, and a disturbed winged (?) sun. In 1878 acquired from the Collection Miramar.

Vienna, Kunsthistorisches Museum, inv. no 5516.

Hopfner, *Tierkult*, 76f; Roeder, *Bronzefiguren*, 326, § 411, e, 6; 327, fig. 426.

59. Bronze statuette of Apis (H. 0.071), left legs forwards, standing on a thick plate. Sun-disc with uraeus between the horns, triangle on the forehead. In 1878 acquired from the Collection Miramar.

Vienna, Kunsthistorisches Museum, inv. no 5518.

Roeder, *Bronzefiguren*, § 412, 327.

60. Bronze statuette of Apis (H. 0.035, L. 0.035), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns, triangle on the forehead. Engraved: a (?) collar, a cover, wings on the withers. In 1878 acquired from the Collection Miramar.

Vienna, Kunsthistorisches Museum, inv. no 5519.

Hopfner, *Tierkult*, 76f; Roeder, *Bronzefiguren*, 326, § 411, e, 5; 327, § 412.

61. Bronze statuette of Apis (H. 0.05, L. 0.07), left legs forwards (partly broken). Sun-disc with uraeus is missing. In 1878 acquired from the Collection Miramar.

Vienna, Kunsthistorisches Museum, inv. no 5520.

Hopfner, *Tierkult*, 76f; Roeder, *Bronzefiguren*, 327, § 412.

62. Terracotta protome of Apis (H. 0.178), sun-disc with uraeus between the horns, a ribbon with an amulet in the shape of a crescent around the neck, the triangle indicated with small holes. Traces of red paint, eyes and eye-brows painted black. The back is curved without modelling. Found in ruins of houses in Memphis. Roman period.

Coll. M. A. Murray.

Murray in *PSBA* 26, 1904, 294 with Pl. ('this figure is one of eight specimens, all slightly different; they are not found in cemeteries, they were used as household gods, before whom lamps were burned and offerings made and to whom the daily worship was paid; they were for the use of the living, not the dead').

Mit Rahineh

63. Bronze statuette of Apis (H. ca 0.12), left legs forwards, standing on a base with an Egyptian inscription. Sun-disc with uraeus between the horns; engraved: a collar, and a cover between vultures with wings spread. 26th dynasty (663-525 B.C.). Gift of Mr James Douglas, 1890.

New York, Metropolitan Museum, inv. no 90.6.8.

Metropolitan Museum of Art, Catalogue of Egyptian Antiquities, New York 1898, 101, no 1441; Washburn, *Master Bronzes*, no 51 with photo (inscription: Apis invokes the god Ptah for a man named Pa-shery-ta-Ehet whose mother was Iset-em-het); Roeder, *Bronzefiguren*, 326, § 411, f, 3; 327.

64. Bronze statuette of Apis (H. 0.09, L. 0.10), left legs forwards, standing on a base. Sun-disc with uraeus missing, triangle on the forehead; engraved: a collar, a winged scarab, a cover, and a vulture with wings spread.

Baltimore, Walters Art Gallery, inv. no 54.2126.

Steindorff, 146, no 638, Pl. XCVI.

65. Reddish terracotta crown of a Bes-figure (H. 0.08, W. 0.124-0.08). In relief Apis, left legs forwards, standing to the right, sun-disc between the horns, and traces of black painting.

Coll. Michailidis, Cairo.

Michailidis in *BIEC* 45, 1963/1964 (1968), 61, Pl. IX b.

66. Limestone relief (H. 0.20, W. 0.32): a bier (broken wheels), carrying the sacred barge with Apis, sun-disc with uraeus between the horns, lying in its chapel. The side-wall of the chapel is decorated with alternating *anch*-signs and offerings tables. At the right side of the chapel kneeling Isis, at the left side kneeling Nephthys. Formerly Coll. Brugsch. Date: ca 600 B.C. (Goodenough).

Berlin, Staatliche Museen, inv. no 7494.

Ausf. Verz., 271, no 7494; Erman, *Aeg. Rel.*^{2}, 191, fig. 106; Hopfner, *Tierkult*, 85; Weber, *Tk*, 65, n. 119; 232, n. 11; Erman, *Aeg. Rel.*^{3}, 369, fig. 133; Goodenough IV, 103, fig. 30.

67. Limestone relief: a four-wheeled bier carrying the sacred barge with Apis, sun-disc with uraeus between the horns, lying in its chapel, a side-wall of which is also shown. This wall is decorated with alternating *anch*-signs and offering tables in relief. In 1941 found south-east of the temple of Ptah.

Cairo, Egyptian Museum, inv. no. unknown.

Petrie, *Memphis* IV, Pl. XXXI; M. el Amir in *JEA* 34, 1948, 52, 55 D, Pl. XVII, 4 left.

68. Limestone relief: a four-wheeled bier carrying the sacred barge with Apis, sun-disc between the horns, lying in its chapel, a decorated side-wall of which is also shown. In 1941 found south-east of the temple of Ptah.

Cambridge, Fitzwilliam Museum, inv. no 6041-11.

Petrie, *Memphis* IV, Pl. XXXI; M. el Amir in *JEA* 34, 1948, 52, 55 D, Pl. XVII, 4 right.

69. Limestone relief (H. 0.22, W. 0.31): a four-wheeled bier carrying the sacred barge of Apis, sun-disc with uraeus between the horns, lying in its chapel, a side-wall of which is also shown, decorated with the usual motif. At the left of the chapel kneeling Isis, at the right of the side-wall an Osiris-mummy in front of kneeling Nephthys is standing. Greek time. Possibly from Mit Rahineh.

Hildesheim, RPMuseum, inv. no 1876.

Ippel-Roeder, 89, no 1876.

70. Limestone relief (H. 0.20, W. 0.20): a bier carrying the sacred barge of Apis, sun-disc between the horns, lying in its chapel, the side-wall of which is decorated with the usual motif. Possibly from Mit Rahineh.

Leipzig, Aegyptisches Museum der Universität, inv. no 1830.

Haas, *Bilderatlas*, Lf. 2-4, Pl. XLVII; Mond-Myers, *Bucheum* I and III, 80, Pl. CIX, 1.

71. Limestone relief: Apis, sun-disc between the horns, lying in its chapel which is placed on a sacred barge on wheels. The cornice of the chapel is decorated with uraei. Badly damaged. +

Petrie, *Memphis* IV, 24, no 52, Pl. XXXI.

Mit Rahineh, Kom-el-Fakhri

72. Limestone relief (H. 0.23): a four-wheeled bier carrying the sacred barge with Apis, sun-disc with uraeus between the horns, lying on a base in its chapel, a side-wall of which is also shown. This wall is decorated with alternating *anch*-sings and offering tables in relief. At the left side of the chapel kneeling Nephthys, at the right side kneeling Isis.

Cairo, Egyptian Museum, inv. no 2434.

Mariette-Maspero, *Mon. div.*, 10, Pl. XXXV; Maspero, *Guide du visiteur*, 178; M. el Amir in *JEA* 34, 1948, 55, n. 1; *Enc. Phot.*, 31, Pl. CXCII; Sälzle, *Tier und Mensch*, Pl. on p. 190.

Saqqarah

73. Bronze statuette of Apis (H. 0.066, L. 0.067), left legs forwards, standing on a plate. Triangle on the forehead; engraved: a collar, a vulture with spread wings, a cover, and a winged scarab. In 1859 acquired from Mr Brugsch.

Berlin, Staatliche Museen, inv. no 2571.

Roeder, *Bronzefiguren*, 325, § 411, d, 4; 329, § 413, n, fig. 436; Schott in *RÉgypt* 19, 1967, 91.

74. Bronze statuette of Apis (H. 0.112), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns, triangle on the forehead; engraved: a collar, and a cover between winged suns. Facing Apis an adorant, kneeling, in each hand holding a small vase. In 1869 acquired from Mr Brugsch.

Berlin, Staatliche Museen, inv. no 2574.

Erman, *Aeg. Rel.*[3] (ed. française), 45, fig. 11 (= Erman, *Aeg. Rel*[2], 29); Hopfner, *Tierkult*, 76ff; Roeder, *Bronzewerke*, 41, § 175, d; Id., *Bronzefiguren*, 325, § 411, e, 3; 327, § 413, c; 328, fig. 428, Pl. XLVII k; Bonnet, *RL*, 50, fig. 18; Schott in *RÉgypt* 19, 1967, 91.

75. Bronze statuette of Apis (H. 0.097), left legs forwards, standing on a base (L. 0.078) with an Egyptian inscription. Sun-disc with uraeus between the horns, triangle on the forehead; engraved: a broad collar, a winged sun, a cover, a winged sun, and in addition on

withers and croup one spread wing. In 1859 acquired from Mr Brugsch.

Berlin, Staatliche Museen, inv. no 2575.

Roeder, *Bronzefiguren*, 328, § 413, d, Pl. XLVII 1, fig. 429 (engraving), 429a (inscription).

76. Bronze statuette of Apis (H. 0.072), left legs forwards, standing on a base with remains of an Egyptian inscription. Engraved: a collar, a vulture with spread wings, a cover, and a winged scarab. Acquired from the estate of Mr Theremin in 1883.

Berlin, Staatliche Museen, inv. no 8303.

Roeder, *Bronzefiguren*, 325, § 411, d, 5; 329, § 413, k.

77. In the show-case D, Room P 19, some statuettes in bronze of Apis: Apis on a base with a hieroglyphic inscription; Apis, no 2029; no 2448 (20911); no 2584; no 2370; no 2076; no 2389; a small Apis; Apis on a sledge; Apis in front of an altar; and 40 other figurines of Apis in bronze. Further particulars lacking.

Cairo, Egyptian Museum.

Unpublished. *cf.* perhaps Mariette, *Notice* 1864, 112, nos 96-101. Information by Miss F. Dunand.

78. Bronze statuette of Apis (H. 0.082, L. 0.10), left legs forwards, standing on a sledge-shaped plate, beside Isis and Nephthys. Sun-disc with uraeus between the horns, triangle on the forehead; engraved: a vulture with spread wings touched by Isis and a second identical vulture touched by Nephthys. Formerly Coll. Huber.

Cairo, Egyptian Museum, inv. no 39380.

Mariette, *Notice* 1864, 92, no 8; 1876, no 112; Maspero, *Cat.* 1882, no 2581; *Notice de Ghizeh* 1892, no 1047; *Journal d'entrée*, no 7244; Daressy, *CGC, Statues*, 347, Pl. LXIII; Roeder, *Bronzewerke*, 41, § 175, d; Id., *Bronzefiguren*, 324, § 410, c; § 411, f, 1; § 669, e.

79. Bronze statuette of Apis (H. 0.057, L. 0.059), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns. The crusty surface of the bronze makes it impossible to see whether there are engravings or a triangle.

London, British Museum, inv. no 11599.

Unpublished.

80. Bronze statuette of Apis (H. 0.076, L. 0.072), left legs forwards, standing on a base. Sun-disc with uraeus between the horns, incised triangle on the forehead; engraved: a collar, a winged uraeus-sun, a cover, and a vulture with wings spread.

London, British Museum, inv. no 11606.

Unpublished.

81. Bronze statuette of Apis, left legs forwards, standing on a plate with one tenon. Sun-disc with uraeus between the horns; no engravings whatever can be seen on the Pl. by Quibell. Found in the neighbourhood of the so-called 'sign Yusuf' (Joseph's prison) and the pyramid of Teti. +

Quibell, *Saqqarah*, 29, Pl. XXI, 4.

North Saqqarah

82. Bronze statuette of Apis (H. 0.09), both forelegs and hindlegs standing together, on a base which fits in a wooden sledge. Sun-disc with uraeus broken off; engraved: a winged (?) sun, a cover, and a winged (?) scarab.

London, Egypt Exploration Society.

Emery in *JEA* 55, 1969, 33, Pl. VIII, 5.

83. Bronze statuette of Apis (H. 0.11), left legs forwards, standing on a base fitting in a wooden sledge. Sun-disc with uraeus between the horns; the eyes are silver inlaid; engraved: a broad collar, a winged scarab, a cover, and a vulture with wings spread. At the back of the sun-disc the tail of the uraeus.

London, Egypt Exploration Society.

Emery in *JEA* 55, 1969, 33, Pl. VIII, 6.

84. Bronze statuette of Apis, left legs forwards, standing on a base anciently fitted into an alien base. The whole has been placed on a sledge. Sun-disc with uraeus between the horns, triangle (was partly inlaid) on the forehead. Engraved: a collar, a winged scarab, a cover, and a vulture with spread wings.

London, Egypt Exploration Society.

Emery in *JEA* 56, 1970, 6, Pl. IX, 3.

85. A stele with low-relief was found in the ruins near the church of St. Jeremiah at Saqqarah (H. 1.62, W. 0.92): Nectanebo I in adoration before Apis standing on a platform; between them a table and an Egyptian inscription containing the information that the stele was erected in remembrance of the buildings of Nectanebo I, in his 2nd year of reign (377 B.C.), for the purpose of installing Apis. There is no information about the question whether the temple was a newly built or a restored one.

Daressy in *ASAE* 9, 1908, 154-157; Lauer-Picard, 9ff.

86. Dummy-mummy of Apis (L. 0.88) modelled of wooden planks, animal's horned skull, plaster, gesso, and painted. The mummy lies on a plate; a black triangle on the white forehead, a red cover on its back, a vulture with spread wings on its posterior; in the ears a decoration of a globule with rays.

London, Egypt Exploration Society.

Emery in *JEA* 55, 1969, 33, Pl. VIII, 1-4 (he thinks of the mother of Apis, and he calls the vulture the winged hawk of Horus), who refers to G. Belzoni, *Narrative* I, 216f, Pl. XLVI, who found also such a dummy-mummy at Thebes.

Abusir

87. Bronze statuette of Apis (H. 0.025), left legs forwards, standing on a plate. Sun-disc between the horns; on its back a ring for suspension. In 1901/1902 found in the excavations of the 'Deutsche Orientgesellschaft' at Abusir.

Berlin, Staatliche Museen, inv. no 16186.

Roeder, *Bronzefiguren*, 330, § 416, b, Pl. XLVIII k.

88. Bronze statuette of Apis, left legs forwards, standing on remains of a base with three tenons (two are broken off). Sun-disc between the horns. The only remaining parts of the engraving are the cover and the wings. From the papyrus-excavations at Abusir in 1904/1905.

Berlin, Staatliche Museen, inv. no 17.880.

Roeder, *Bronzefiguren*, 329, § 413, 1, Pl. XLVIII c; Schott in *RÉgypt* 19, 1967, 91.

Alexandria, Serapeum

89. Black granite statue of Apis (H. 1.80) walking. Sun-disc with uraeus between the horns, on the forehead curled hair in a triangular form. A pillar with a Greek inscription supports its belly. In 1895 found in pieces in the neighbourhood of the 'pillar of Pompeius'. Date: Hadrian.

Alexandria, Graeco-Roman Museum, Room 6, no 351.

Botti, *Rapport*, 54; Id. in *BSAA* 2, 1899, 35 and fig.; Id., *Cat.*, 316, no 370 with fig.; Milne in *JHS* 22, 1901, 277, n. 7; Breccia, *Iscr.*, 50, no 68 (351); Hopfner, *Tierkult*, 171; Breccia, *AaA* 99, fig. 23; 165, no 351; Bissing, *Aeg. Kultb.*, 8, Pl. II, fig. 5; Otto, *Stierkult*, 23, n. 11; Rowe in *BSAA* 35, 1942, 136, Pl. XXXVII, 1 (found near the column of Diocletian); Hermann in *JbAChr* 3, 1960, 37, fig. 5, n. 34; Bernand, *Alexandrie*, 127; Le Corsu in *RA* 1967, 248, n. 2; Id. in *BSFE* 51, 1968, 26, n. 5; Müller in *MÄS* 16, 1969, 19, n. 54; 87, n. 5; Tran Tam Tinh, *Herculanum*, 96, n. 3; Hornbostel, *Sarapis*, 381 (red granite). Breccia, *AaA*, 99 says: the supporting pillar was first found; the bull was discovered north of the quadrangular shaft which gives access to the subterranean galleries. The inscription reads as follows: [Διὶ Ἡλίῳ μεγάλῳ] Σαράπιδι καὶ τοὶς / συννάοις Θεοῖς / ὑπὲρ σωτηρίας / αὐτοκράτορος / καίσαρος Ἁδριανοῦ Τραιανοῦ / Σεβαστοῦ [...

90. Torso (H. 0.48) of a standing male, made of marble from the Greek islands. He holds a key in his right hand and a sickle in his left one (Aion?). Below these attributes is a seven-pointed star. On the body of the figure a snake is coiling upwards in the direction of the (missing) head and on both sides of it an Apis bull is standing on a plate. The bulls are facing each other and have a sun-disc between the horns. The right bull has a disc on its side, while the left one has a crescent at the same spot. Underneath the bulls a curled object is visible. The torso is adorned with a collar having indistinct decorations.

Alexandria, Graeco-Roman Museum, inv. no 79.

Breccia in *ASAE* 8, 1907, 76, fig. 1 (discovered near the Arabian cemetery. Breccia thinks of a priest of Sarapis or Mithras having the knife of sacrifice in the right hand, in the left one the *lituus*); Id., *Rapport* 1910/1911, 13, Pl. IV; Weber, *Tk*, 46, n. 35 (he thinks of Osiris), fig. 25; Breccia, *AaA* 1914, 228, no 50; Rowe in *BSAA* 35, 1942, 159, F, Pl. XLII, 4 (found in the neighbourhood of Pompey's pillar; Rowe calls it a torso of Mithras, a key in the right hand); Adriani, *Rep.* II, no 219, Pl. CI, 338; Kraus in *Gnomon* 1962, 718.

Alexandria, Kom-Hadid

91. Fragment of a terracotta head of Bes (H. 0.17). An amulet in relief on the upper part of the feather-crown: Apis, left legs forwards, standing in a *naiskos*, sun-disc between the horns, the head above an altar. Remains of white coating. From excavations in the Stadium of Kom-Hadid.

Alexandria, Graeco-Roman Museum, inv. no 7522.

Sieglin I, 236, fig. 174 (= fig. 244); Breccia, *AaA*, 267, fig. 130; Id., *Monuments* II (2), 37, no 192, Pl. L, 246; *cf.* inv. no 7694 (information by F. Dunand).

Alexandria, Kom-el-Sciugafa

92. Painted relief on the back-wall of the left side-niche in the Major tomb at Kom-el-Sciugafa. From left to right are seen: winged Isis; Apis, left legs forwards, standing on a socle, a sun-disc between the horns, a crescent on the flank, around the neck a collar with an amulet in the shape of a *naos*; an altar, at the left and the right side of the altar two flowers; a king (Titus?) walking to Apis with an offering. Above the bull a chain consisting of the sacred eye placed between sticks and disks. End 1rst – early 2nd century A.D.

Marucci in *NSc* 1904, 125; Furtwängler in *BJb* 114/115, 1906, 201; Sieglin I, 140, Pl. XXXIII; Hopfner, *Tierkult*, 81, n. 3; Breccia, *AaA*, 111, fig. 29; Otto, *Stierkult*, 30, n. 3; Rowe in *BSAA* 35, 1942, Pl. X, 1 (says: chain of conventional amulets); Hermann in *JAChr* 3, 1960, 36, fig. 4; Müller in *MÄS* 16, 1969, 20, fig. 1; Malaise, *Conditions*, 414; Dunand II, 210, n. 2; Hornbostel, *Sarapis*, 375, n. 3.

93. Painted relief on the back-wall of the right side-niche in the Major rock-cut tomb of Kom-el-Sciugafa. It is the pendant of the relief on the left side-niche of the tomb. On the side of Apis no crescent is seen.

Sieglin I, 140, Pl. XXX; Otto, *Stierkult*, 30, n. 3; Rowe in *BSAA* 35, 1942, Pl. VIII (mentions the crescent on the side of Apis); Goodenough VI, 90, fig. 251 ('the room has a recess with a sarcophagus below, again carved out of the living rock, and behind and at each end of it a relief'); Malaise, *Conditions*, 414; Dunand II, 210, n. 2; Hornbostel, *Sarapis*, 375, n. 3; G. M. A. Richter, *Der Zusammenhang zwischen ägyptischer und griechischer Kunst* in *Das Altertum* 19 (3), 1973, 74-88 (p. 86, fig. 20).

94. Terracotta protome (fragment) of (?) Apis (pres. H. 0.12) on a base; feathers behind a sun-disc with uraeus between the horns; the ears are broken; a ribbon with an unidentifiable amulet around the neck.
Alexandria, Graeco-Roman Museum, inv. no 10783.

Breccia, *Monuments* II (1), 58, no 290, Pl. XXV, 1.

95. Brownish red terracotta disc (fragment, diam. 0.15) decorated with reliefs: a muzzled bull's head, a veil hanging over the horns; between the horns, distinctly crescent-shaped, a vulture or perhaps an eagle with spread wings. The head is framed in an astragal string, a ring of lotus buds and lotus calyxes, and a garland consisting of geometrical figures.
Alexandria, Graeco-Roman Museum, inv. no. unknown.

Sieglin II (3), 224, no 11, Pl. LIX, 11.

96. Brownish red terracotta disc decorated with reliefs: a bull's head in a circle of eggs or lotus buds without leaves. The horns show an explicit crescent form; on the forehead a (?) bunch of ears of corn.
In a private collection.+

Sieglin II (3), 225, no 3, Pl. L, 3 (refers to a better specimen, measuring 0.065-0.07, in the Museum of Alexandria).

Alexandria

97. Paintings on the side walls of the entrance corridor of a hypogeum, discovered in excavations made for the purpose of constructing a modern building at the west of the town. The hypogeum formed part of a large subterranean necropole. The painting on the right side wall: in a panel, Apis, right legs forwards, standing to the left; below this panel another one with a male figure standing to the left, in his right hand a *situla*, in his left the (?) *anch*-sign; a full-length serpent with lotus-headdress is painted on an adjacent panel. On the left side wall a symmetrical representation. The colours of the Apis figure are brownish red and white.

Adriani in *BSAA* 41, 1956, 65ff, fig. 1-2.

98. Terracotta panel with high relief, discovered in Gabbary tomb no 1. This tomb was used in Hellenistic and Roman times. Two Apis bulls, each having a sun-disc with uraeus between the horns, standing before an altar, facing each other. At the left (?) Isis enthroned, lotus flower in her right hand; at the right Horus standing, *situla* in his right hand, sceptre in his left one. Both deities wear an indistinct head-dress.

Alexandria, Graeco-Roman Museum, inv. no. unknown.

Habachi in *BSAA* 35, 1942, 111, no III, Pl. XXV, 3.

99. Terracotta figure of Bes (pres. H. 0.43), parts of the legs broken off, as are the right arm, part of the crown and the handle of the sword. On top of the stylized crown: Apis, left legs forwards, standing to the right, the head above an altar and an (?) amphora. Roman period.

Alexandria, Graeco-Roman Museum, inv. no. unknown.

Breccia, *AaA*, 267.

100. Terracotta crown of a Bes figure, with relief of a small temple in which Apis is standing to the left; in the pediment (in the shape of a circle-segment) a sun-disc.

Alexandria, Graeco-Roman Museum, inv. no 5109.

Unpublished. Information and photograph by courtesy of Miss F. Dunand.

101. Terracotta relief plaque: Isis sitting on a bench crowned with an uraeus-frieze, suckling Apis standing on a table.

Cairo, Egyptian Museum, inv. no 26918.

Weber, *Tk*, 39, n. 42; Sieglin II, 6, n. 2, fig. 4; Dunand I, 98, n. 3; mentioned by Perdrizet, *Tc*, 53.

102. Terracotta protome of Apis (H. 0.145, W. 0.10, D. 0.11). Sun-disc with uraeus between the horns, a ribbon with a crescent and a sun around the neck. Remains of white coating. Formerly Coll. E. von Sieglin.

Dresden, Staatliche Kunstsammlungen (Skulpt. Slg), inv. no ZV 2600 C 550.

Sieglin II, 191, no 1, Pl. CIII.

103. Blackish terracotta canope with a ribbed base, placed on a profiled base (H. 0.19). The head is dressed with a sort of *klaft*; the pectoral consists of three ribbons decorated with globules in rings. The principal one shows on each side of a rectangular amulet a Harpocrates-figure. The amulet shows Apis standing to the right, a sun-disc between the horns, the head above an altar. Beneath the amulet a winged scarab above a globule in a ring. Former Coll. E. von Sieglin.

Stuttgart, Württembergisches Landesmuseum, inv. no 2.802.

Sieglin II, 8, Pl. II, 5; Von Bissing in *BSAA* 24, 1929, 45.

104. Grey-brown terracotta Beset on a small base (H. 0.37). On the upper part of the feather-crown a *naiskos* with in relief Apis standing to the right, a sun-disc between the horns and remains of red paint on the hair. Former Coll. E. von Sieglin.

Tübingen, Archäologisches Institut der Universität, inv. no S/13.2687.

Sieglin II, 18, 109, fig. 23, Pl. XXIV.

105. Grey terracotta head of Apis (H. 0.136), a sun-disc with uraeus on top of which a partial disc is placed, between the horns; the triangle on the forehead is indicated with curls; a band holding a veil which is hanging behind the head; the eyebrows are very distinctly indicated.

Formerly Coll. Schreiber. +

Sieglin II, 191, no 3, Pl. CII.

106. Terracotta relief plaque (H. 0.09): Isis sitting on a throne, suckling (?) Apis. Found in a sort of mount Testaccio.

Alexandria, Graeco-Roman Museum, inv. no 9451.

Breccia, *Monuments* II (1), 52, no 239, Pl. XLVIII, 3; Tran Tam Tinh, *Isis L.*, 27, n. 3.

Antinoopolis

107. Terracotta head of Apis (H. 0.049, L. 0.073) from a statuette; a sun-disc with uraeus between the horns, a triangle on the forehead, a band between the ears.

Paris, Louvre, inv. no AF 1070.

Unpublished.

Athribis (Benha)

108. Bronze statuette of Apis (H. 0.045), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns, traces of an attachment of a ring are visible on the back.

Antwerp, Museum Vleeshuis, inv. no 79.1.75.

Gén. Al., no 75; *Vleeshuis, Cat.* VIII, 45, no 210.

(?) Deir-el-Medina

109. Bronze statuette of Apis (H. 0.044), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns, a suspension-ring on its shoulders. Formerly part of the collection of the Second Earl of Belmore (the major part being collected at Deir-el-Medina).

+

Auction Ch. Ede, no 15 (24.16.15); *cf.* Petrie, *Amulets*², no 207 b.

Heracleopolis Magna (Ehnasya)

110. Fragment of a plaster relief (H. 0.069, W. 0.084): Apis, right legs forwards, its head with a sun-disc between the horns turned to front, standing to the left on a pedestal, in a *naos*. On its side a crescent.

London, Egypt Exploration Society.

Petrie, *Rom. Ehnasya*, 13, Pl. LXIXA, f.

Elephantine

111. Limestone head of Apis (H. 0.32), sun-disc with uraeus between the horns, triangle on the forehead.

Berlin, Aegyptisches Museum, inv. no 7157.

Passalacqua et al., 12, no 158; *Ausf. Verz.*, 185, no 7157.

Fayum

112. Terracotta relief plaque (H. 0.26): Isis sitting on a throne with uraeus-frieze, suckling Apis who is standing on a bench.

Cairo, Egyptian Museum, inv. no 32853.

Journal d'entrée, no 36592; Dunand I, 98, n. 3, Pl. XXXVII, 1.

113. Terracotta plaque in the form of a trapezium (H. 0.10, W. 0.10-0.14). In relief Apis, left legs forwards, standing to the right on a base, sun-disc between the horns; in the back of the plaque a hole for suspension.

Frankfort a/Main, Städtische Galerie Liebieghaus, Coll. Kaufmann.

Kaufmann, *Koroplastik*, 81, Pl. XXVI, no 198; mentioned by Castiglione in *BMusHongr* 18, 1961, 29, n. 29.

114. Terracotta protome of Apis (H. 0.22, at the bottom 0.11 × 0.125); sun-disc with uraeus between the horns, a ribbon with a crescent around the neck and a globular object under the throat. Traces of painting.

Frankfort a/Main, Städtische Galerie Liebieghaus, Coll. Kaufmann.

Kaufmann, *Koroplastik*, 81, Pl. XXVI, no 202; mentioned by Castiglione in *BMusHongr* 18, 1961, 29, n. 29.

115. Terracotta protome of Apis (H. 0.21, at the bottom 0.11 × 0.11). Identical with the preceding one.

Frankfort a/Main, Städtische Galerie Liebieghaus, Coll. Kaufmann.

Kaufmann, *Koroplastik*, 81, Pl. XXVI, no 203.

116. Terracotta (?) cover of a canope in form of a head of Apis, sun-disc with uraeus between the horns, a ribbon with a crescent around the neck; a globular object under the throat.

Frankfort a/Main, Städtische Galerie Liebieghaus, Coll. Kaufmann.

Kaufmann, *Koroplastik*, Pl. XXVIII, no 213.

117. Red terracotta relief (H. 0.178) of Isis standing on a base, suckling Apis standing on a table. Nimbus at the back of her head.

Former Coll. Fouquet. +

Perdrizet, *Tc*, 53, no 156, Pl. XVI; Breccia, *Monuments* II (2), 20; Dunand I, 98, n. 3; Tran Tam Tinh, *Isis L.*, 27, n. 5.

118. Terracotta protome of Apis (H. 0.128, L. 0.095, D. 0.09). Sun-disc with uraeus between the horns, a collar with an amulet around the neck. Former Coll. Forcart.

Geneva, Musée d'art et d'histoire, inv. no 10235.

Deonna in *RA* 1924, 86, 155, no 306.

119. The protomes bearing the inv. nos 10233; 10234; 10236; 10237; 10238 are almost identical to the protome of the preceding item.

120. Terracotta protome of Apis (H. 0.15); sun-disc with a head of Sarapis in relief between the horns; a ribbon with (?) crescent around the neck. Former Coll. Forcart.

Geneva, Musée d'art et d'histoire, inv. no 10239.

Deonna in *RA* 1924, 155, no 307, fig. 9 on p. 138.

121. Terracotta figure of a priest, carrying a figure of (?) Apis on his left shoulder (H. 0.221). Former Coll. Forcart.

Geneva, Musée d'art et d'histoire, inv. no 10095.

Deonna in *RA* 1924, 123, no 121, fig. 6 on p. 121.

Gebel-el-Teyr

122. Bronze statuette of Apis, discovered in a funeral shaft on a cemetery. Excavations 1903. +

Ahmed bey Kamal in *ASAE* 4, 1903, 87.

(?) Gizeh

123. Brick-red terracotta protome of Apis (H. 0.163), sun-disc with uraeus between the horns; a ribbon with a crescent around the neck. Bought in Gizeh.

Berlin, Staatliche Museen, inv. no 9492.

Ausf. Verz.^{2}, 372; Weber, *Tk*, 236, no 415, Pl. XXXVII.

124. Bright blue faience amulet (L. 0.025, W. 0.025): a representation of Apis standing in front of an altar. On top of it a suspension ring. Bought in Gizeh. Formerly in Berlin, Staatliche Museen. Lost.

Ausf. Verz., 362f. Information by courtesy of Miss H. Kischkewitz, Staatliche Museen zu Berlin, Aeg. Museum (Ost).

125. Black stone statuette of Apis (H. 0.037, W. 0.04), amulet. Bought in Gizeh. Formerly in Berlin, Staatliche Museen, inv. no 2006. Lost.

Ausf. Verz., 362f. Information by courtesy of Miss H. Kischkewitz.

Gurob

126. Enamelled steatite amulet (L. 0.017): head of Apis with a large triangle on its forehead, the horns and headdress broken off; the triangle and the eyes were inlaid with other material. From the excavations at Gurob. In 1906 acquired, gift of the E.R.A.

Brussels, Musée Cinquantenaire, inv. no E 2106.

Unpublished. Information by courtesy of Dr. C. de Wit.

127. Small glass plaque (H. 0.020, W. 0.028, Th. 0.011), fused mosaic: Apis walking to the right, on a base (most of the base has disappeared); sun-disc between the horns, triangle on the forehead; before Apis an altar with (?) fruit. According to Terrace the colours are as follows: on a blue background a dark-purple and white coloured bull with white horns, the mane green, as are the outlines of the eye, ear and brow; the eye: blue-white, as the uraeus; the ear: dark blue with a red spot; a yellow spot on the nose. The sun-disc: yellow with dark blue outline. The base of Apis: red; the offering table: yellow with dark blue and purple outline.

Boston, Museum of Fine Arts, inv. no 54.59 (loan of the Coll. Horace L. Mayer).

Terrace in *AJA* 67, 1963, 270, Pl. LIV, fig. 6-8; *FA* 18/19, 1963/1964 (1968), no 5082.

Horbeit

128. Yellow terracotta figure of Apis lying on a base (H. 0.142), sun-disc between the horns. Formerly Coll. Fouquet.

Perdrizet, *Tc*, 53, no 155, Pl. LVII (supposes that an uraeus on the sun-disc is missing).

Naucratis

129. Bronze statuette of Apis (H. 0.055, L. 0.070), left legs forwards (the legs are broken); sun-disc with uraeus between the horns, further unidentifiable because of the crusty condition of the surface. There is a hard blue colour around the neck; there are light brown, green, turquoise, and blackish colours on the back.

London, British Museum, inv. no 27598.

Unpublished.

130. Terracotta shrine (the lower part is broken) with a pediment supported by two pillars (pres. H. 0.073), restored H. 0.089, W. 0.042). In the shrine, in relief, Apis standing to the right, the head turned to front. Sun-disc between the horns; the legs are broken. Remains of white coating. In 1886 presented by the Egypt Exploration Fund.

London, British Museum, inv. no C 614.

Walters, *Tc*, 257, no C 614.

131. Terracotta head of Apis (H. 0.08) broken at the bottom. Feathers behind an uraeus sun-disc between the horns. Traces of coating.

London, British Museum, inv. no C 639.

Walters, *Tc*, 261, no C 639.

Greek site in the Delta

132. Bronze statuette of Apis (H. 0.10, L. 0.089), left legs forwards, standing on a base with a Greek inscription. Sun-disc with uraeus between the horns, inlaid triangle on the forehead, gold inlaid eyes; engraved: a collar, a winged scarab, a cover, and a vulture with wings spread. The inscription (H. letters 0.004-0.006) reads as follows: ΤΟΙ ΓΑΝΕΓΙ Μ ΑΝΕΣΤΑΣΕ ΣΟΚVΔΗΣ. In 1898 acquired from the Collection Mr Mead. Date: late 6th-early 5th century B.C.

London, British Museum, inv. no 3208.

AA 14, 1899, 205, no 2; *SB* I, no 2059; Walters, *Br.*, 376, no 3208; Spiegelberg in *JEA* 12, 1926, 34, Pl. XI, 2; Wilcken, *UPZ* I, 25; Walters, *Guide*, 45f, no 136; Roeder, *Bronzewerke*, 41; Otto, *Stierkult*, 29, n. 2; Rusch in *RÉgypt* 18, 1949, 589; Castiglione in *BMusHongr* 18, 1961, 27, n. 21; Leclant, *IBIS* I, *s.v.* no 216.

Oase Siwa

133. Figure of Apis, right foreleg raised, on a gilded stucco ornament upon a mummy (L. 1.59). In 1964 discovered in the Oase Siwa.
Alexandria, Graeco-Roman Museum, inv. no 27808.

Grimm in *ZÄS* 95, 1968, 23, n. 31.

Pyramids

134. Bronze statuette of Apis (H. 0.178, L. 0.157), left legs forwards, standing on a base with an Egyptian inscription. Sun-disc with uraeus between the horns, triangle on the forehead, the eyes were probably inlaid with other material; engraved: a collar (later on replaced by a wing), a winged scarab, a cover, and a vulture with spread wings. Restored.
Baltimore, Walters Art Gallery, inv. no 54.418.

Steindorff, 146, no 636, Pl. XCVI.

135. Silver statuette of Apis (H. 0.024), left legs forwards (parts of the legs broken). Sun-disc between the horns; engraved: a cover and a collar. Eyelet on its neck.
Baltimore, Walters Art Gallery, inv. no 57.1477.

Steindorff, 147, no 643.

Thebae

136. A dagger with sheath both made of gold: four female heads, in gold-leaf on wood, form the pommel; the hilt is studded with gold, lapis, cornelian and feldspar triangles, in a check pattern; the seam of the blade and the haft is hidden by a head of Apis.

The blade: on a strip of blackish hard metal in a contour of solid gold, figures are obtained by means of a process of damascening. On one side an inscription: 'le dieu bienfaisant, seigneur des deux pays, Ra-neb-pehti, vivificateur comme le soleil à toujours', followed by a representation of a lion rushing for a bull, and four grasshoppers the size of which is gradually reduced towards the end of the blade; on the other side, near the hilt: 'le fils du soleil et de son flanc, Ahmèsnakht, vivificateur comme le soleil à toujours'. Fifteen flowers, blossomed-out, vanishing towards the point, complete the decorative art.

Cairo, Egyptian Museum, inv. no. unknown.

Mariette, *Notice* 1684, 222, no 6 (he thinks that the representation of the lion rushing for a bull is not free from a certain Asiatic influence; this dagger was found in the coffin of the Queen Aah-hotep, between the linen of the mummy, in Drah-abou'l-neggah (Thebae); he dates it: 18th dynasty, because of the name Ahmès (Amosis) in the inscription. The name and the figure of Amosis occur on other finds in the coffin); Von Bissing, *Theban. Grabfund,* 7, 1; Maspero-Roeder, *Führer Kairo* 1912; Roeder, *Bronzefiguren,* 405, § 546, d (Ah-hotep = mother of King Ah-Mose I, 18th dynasty); Lauer, *Mél. Mariette,* 33.

137. Lapis lazuli statuette of Apis, amulet.

Berlin, Aegyptisches Museum, inv. no. unknown.

Passalacqua et al., 12, no 157; *Ausf. Verz.,* 167.

(?) Thebae

138. Bronze statuette of an Apis-headed human figure (H. 0.18), sun-disc with uraeus between the horns, triangle on the forehead. It is standing on a base, the left leg forward. The right arm is touching the head, the left arm and hand in a position as if the personage were holding a lance with both hands. Bought in Cairo, allegedly coming from Thebae. Formerly Coll. Von Bissing.

München, Ägyptische Staatssammlungen, inv. no 1531.

Roeder, *Bronzefiguren,* 62, § 95, c, Pl. LXXII h (a small hippopotamus before the feet?).

Unknown

139. Bronze statuette of an Apis-headed human figure (*Apis Imperator*) in the attitude of *allocutio* (H. 0.125). The sun-disc between the horns is broken, as are parts of the legs; a globe in the left hand, the right arm raised.

Alexandria, Graeco-Roman Museum, inv. no. unknown.

Breccia in *BSAA* 17, 1919/1920, 184 with fig.; Kantorowicz in *ProcAPh* 105, 1961, 371, n. 16.

140. Green basalt statuette of Isis (head is missing) enthroned (H. 0.20) suckling Horus. On the back of the throne, in relief, Apis standing to the right in an *aedicula*, sun-disc between the horns.

Alexandria, Graeco-Roman Museum, inv. no 24637.

Adriani, *Divagazioni* 1959, 31, Pl. XLVI, 135; Id., *Repertorio* II, 60f, no 206, Pl. XCVII, 322; Müller in *MJbK* 14, 1963, 16, fig. 8; Dunand I, 96, fig. 7; Tran Tam Tinh, *Isis L.*, 32, 58, A 6, Pl. XVII, fig. 25.

141. Terracotta relief plaque, broken (pres. H. 0.11): Isis, wearing headdress, sitting on a veiled throne, suckling Apis. At her right a Harpocrates figure.

Alexandria, Graeco-Roman Museum, inv. no 7831.

Breccia, *Monuments* II (2), 20, no 40, Pl. X, 37; Dunand I, 98 n. 3; Tran Tam Tinh, *Isis L.*, 27, n. 3, Pl. LXXVI, fig. 201.

142. Terracotta head of Apis, sun-disc with uraeus between the horns, a knot below its throat.

Alexandria, Graeco-Roman Museum, inv. no 8107.

Cf. Breccia, *Monuments* II (2), 59, no 422 (H. 0.18, inv. no 8108).

143. Terracotta protome of Apis (H. 0.19), sun-disc with uraeus between the horns; a ribbon with a crescent around the neck.

Alexandria, Graeco-Roman Museum, inv. no 8118.

Breccia, *Monuments* II (2), 57, no 399, Pl. CXI, 639.

144. Terracotta figure of Apis lying on a boat made of rush (H. 0.07, W. 0.10).

Alexandria, Graeco-Roman Museum, inv. no 22913.

Breccia, *Monuments* II (2), 57, no 398, Pl. CXI, 638.

145. Terracotta figure of Apis lying on a base with rounded edges (H. 0.09, L. 0.065), sun-disc between the horns; engraved: a collar and a cover the fringe of which is hanging on the profiled base.

Alexandria, Graeco-Roman Museum, inv. no 23300.

Breccia, *AaA*, 273; Id., *Monuments* II (2), 57, no 397, Pl. CXI, 637.

146. Silver statuette of Apis.

Alexandria, Graeco-Roman Museum, Room 5, case C.

Breccia, *AaA*, 314. Information by Miss F. Dunand.

147. Bronze statuette (H. 0.169): head of Apis, sun-disc with uraeus between the horns (broken), on a human body in military dress; a globe in the left hand, the right hand raised, in an attitude of allocution. Former Coll. Von Bissing. Date: early Imperial period.

Amsterdam, A. P. Museum, inv. no 7976.

Von Bissing, *Or. St.*, 295ff; Id. in *AOF* 3, 1926, 119, fig. 2; Id., *Aeg. Kultb.*, 17, Pl. VII, fig. 15; Wilcken, *UPZ* I, 31; Snijder, *Gids*, 73, no 638; Van Gulik in *ArchHistBijdr* VII, 1940, 51, no 698, Pl. XIV; Hermann in *JbAChr* 3, 1960, 40, n. 53; Kantorowicz in *ProcAPhS* 105, 1961, 371, fig. 11; Leclant, *IBIS* II, nos 577, 656, 696.

148. Terracotta relief-figure (H. 0.16, W. 0.125, D. ca 0.04) of Harpocrates sitting on Apis. The bull in a leaping attitude, the forelegs over an amphora, on a support; between the horns a vase, on the forehead an incised figure. Harpocrates, nude, his right forefinger to his lips, wearing a headdress, sitting beside a circular shield (*tympanum* or plate). Remains of white coating, and painting of red, rose, and yellow. In the back of the relief an almost circular hole (diam. ca 0.016). Formerly in the Scheurleer Museum (ancient Coll. Von Bissing T 330).

Amsterdam, A. P. Museum, inv. no 7239.

Snijder, *Gids*, 48, no 431, Pl. XXIV; C. M. Schrijvers- van Battum in the *Mededelingenblad van de Vereniging van Vrienden van het Allard Pierson Museum* 9, 1974, 5, fig. 2.

149. Terracotta figure of Bes (H. 0.407, W. 0.208), holding a sword in his raised right hand, and wearing a crown of (?) papyrus reed. Amid the reed, in relief, Apis, left legs forwards, standing to the right, with its head above an altar or perhaps a lotus flower. The lower part of the statuette is broken off. Formerly in the Scheurleer Museum. Roman Period.

Amsterdam, A. P. Museum, inv. no 7274.

Snijder, *Gids*, 49, no 435; Bonnet, *RL*, 103.

150. Terracotta protome of Apis (H. 0.155), sun-disc with uraeus between the horns, a ribbon with a crescent and a globule around the neck. Remains of white coating and some painting (red and pale yellow-brown). Formerly in the Scheurleer Museum.

Amsterdam, A. P. Museum, inv. no 7412.

Snijder, *Gids*, 51, no 473 (dates 3rd century A.D.).

151. A pair of gold earrings in the shape of a *cornucopia* from which emerges the forepart of (?) Apis, a collar around its neck. A small disc, inlaid with a precious stone, between the horns; a large diamond-shaped figure, inlaid with precious stone, on the forehead; a row of pearls borders this figure. A crosswise laid small cord lies around the nose ending in rosettes on the nostrils, the diamond figure with rosettes near the eyes, and around the horns ending in rosettes in front of the horns (diam. 0.044). Formerly Coll. Scheurleer. Date: Roman Imperial period.

Amsterdam, A. P. Museum, inv. no 7011.

Snijder, *Gids*, 103, no 890.

152. Bronze statuette of Apis (H. 0.04), all the legs broken off. Sun-disc with uraeus between the horns, triangle on the forehead; engraved with a cover adorned with an inlaid silver or gold border. Ring on its back.

Antwerp, Museum Vleeshuis, inv. no 4716.

Vleeshuis, Cat. VIII, 45, no 211.

153. Bronze statuette of Apis (H. 0.155), left legs forwards, standing on a base with a hieroglyphic inscription. Sun-disc with uraeus between the horns, triangle on the forehead; engraved: a broad collar, a cover between winged suns. In 1877 acquired at Cairo.

Berlin, Staatliche Museen, inv. no 7675.

Ranke, *Personennamen* I, 1935, 115, no 9; Roeder, *Bronzewerke*, 41, § 175, c; Id., *Bronzefiguren*, 326, § 411, e, 4; 328f, § 413, g, Pl. XLVIII b, fig. 432-435.

154. Bronze statuette of Apis (H. 0.11, L. 0.12), left legs forwards, standing on a modern plate. Sun-disc between the horns. The engraved cover is stained. Acquired from the estate of Mr Theremin in 1883.

Berlin, Staatliche Museen, inv. no 8301.

Roeder, *Bronzefiguren*, 329, § 413, q, Pl. XLVIII n.

155. Soft-coloured terracotta head of Apis (H. 0.15), a sun-disc with uraeus between the horns, the triangle on the forehead indicated with curls; a ribbon with a circular amulet around the neck. In the ears a decoration of a globule with rays.

Berlin, Aegyptisches Museum, inv. no 22649.

Kaiser, *Aeg. Mus.*, 104, no 1008; Philipp, *Tk*, 23f, no 19, Pl. XVIII (dates end of first century B.C.).

156. Bronze statuette of Apis (H. 0.071, L. 0.052), left legs forwards, standing on a plate; sun-disc with fragment of the uraeus between the horns; engraved: a collar, and a cover between winged scarabs. Traces of gilt.

Bern, Coll. E. Bloch-Diener.

Bloesch, *Das Tier*, 12, no 44, Pl. XI. (dates: posterior 600 B.C.).

157. Bronze statuette of Apis (H. 0.155), left legs forwards, standing on a base with remains of an inscription. Sun-disc with uraeus between the horns, triangle on the forehead; engraved: a collar, winged scarab, a cover, and a vulture with wings spread. Many remains of gold-incrustation. Formerly Coll. De Ravestein (no 83).

Brussels, Musée Cinquantenaire, inv. no E 5645.

Mentioned by E. de Meester de Ravestein, *Musée de Ravestein*[2], 23, *s.v.* no 82-86.

158. Bronze statuette of Apis (H. 0.07, L. 0.085), left legs forwards, standing on a base. Sun-disc with uraeus between the horns, triangle on the forehead; engraved: a broad collar, winged sun, a cover and a vulture with wings spread. Bright verdigris patina. Formerly Coll. De Ravestein (no 82?).

Brussels, Musée Cinquantenaire, inv. no E 7595.

Mentioned by E. de Meester de Ravestein, *Musée de Ravestein*[2], *s.v.* no 82-86.

159. Bronze statuette of Apis (H. 0.055), left legs forwards, standing on a base. Sun-disc with uraeus between the horns. triangle on the forehead; engraved: a collar, winged scarab, a cover and a vulture with wings spread. Formerly Coll. De Ravestein (no 84).

Brussels, Musée Cinquantenaire, inv. no E 7596.

Mentioned by E. de Meester de Ravestein, *Musée de Ravestein*², 23, *s.v.* no 82-86.

160. Fragment of a greyish stone head of Apis. The horns and the disc are broken off, a triangle on the forehead.

Cairo, Egyptian Museum, inv. no. unknown.

Lange, *Tierpl.*, 29, fig. 30.

161. Bronze statuette of Apis (H. 0.11, L. 0.105), right legs forwards, standing on a base with traces of an (?) inscription; sun-disc with uraeus between the horns, the tail is hanging, the head slightly turned to the right.

Cairo, Egyptian Museum, inv. no J 29357.

Drioton, *Enc. Phot.*, 32, fig. 205; Müller in *MÄS* 16, 1969, 19, n. 55; 70f, n. 1; 87, n. 4; S. Donadoni, *Cairo, Museo Egizio*, Milan 1969, 159.

162. (?) Bronze statuette of Apis, left legs forwards, standing, a triangle on the forehead; engraved: a winged scarab.

Cairo, Egyptian Museum, Room D, show-case D, no 1050.

Hopfner, *Tierkult*, 76ff. Information of Miss F. Dunand.

163. (?) Bronze statuette of Apis, left legs forwards, standing; a triangle on the forehead; engraved: a winged scarab.

Cairo, Egyptian Museum, Major north Room, no 885.

Hopfner, *Tierkult*, 78, n. 2. Information of Miss F. Dunand.

164. Statuette of Apis with its usual marks, glasspaste in colour. The statuette, together with many other animal statuettes in glasspaste of various colours, forms a sort of mosaic around a turtle made of very fine limestone.

Cairo, Egyptian Museum, inv. no unknown.

Mariette, *Notice* 1864, 207, show-case Q.

165. Thin rectangular bronze plate (H. 0.049, W. 0.058) representing an *aedicula*. In relief Apis, left legs forwards, standing to the right, the head turned to front above an altar with flame; triangle on the forehead, crescent incised on the flank. The disc on the head is broken off; something like a festoon on its back.

Cairo, Egyptian Museum, inv. no 27738.

Edgar, *Gr. Br.*, 26, no 27738, Pl. VI.

166. Terracotta statuette of an Apis-headed human figure (fragment, pres. H. 0.21) in military dress, a *caduceus* in the right hand, the left hand was raised (broken). A sun-disc with uraeus between the horns, a veil hanging over the back of the sun-disc and the shoulders. Traces of white coating and paint.

Cairo, Egyptian Museum, inv. no 23187.

Breccia, *Monuments* II (2), 33, no 162, Pl. XLII, 205; see also: Paribeni, *Divinità straniere in abito militare romano* in *BSAA* 13, 1910, 177-183 (Anubis figure in military dress).

167. Bronze statuette of Apis (H. 0.11, L. 0.12), the legs broken; a crescent incised on each flank; the head is raised, a crescent incised on the sun-disc between the horns.

Cambridge, Fitzwilliam Museum, inv. no E. 104.1954.

Unpublished.

168. Steatite statuette of Apis (H. 0.04, L. 0.048), left legs forwards, standing on a sledge; the space between the legs is filled up, the sun-disc with uraeus missing; incised triangle on the forehead; engraved: a collar, a winged scarab, a cover and a vulture with spread wings. Formerly Coll. Gayer-Anderson.

Cambridge, Fitzwilliam Museum, inv. no EGA 4689.1943.

Unpublished.

169. Bronze statuette of Apis (H. 0.13, L. 0.125), left legs forwards, standing on a modern base; sun-disc with a curled up uraeus between the horns; the head is raised; the eyes and the brows incised very distinctly.

Cambridge, Fitzwilliam Museum, inv. no E. 107.1954.

Unpublished.

170. Bronse statuette of Apis (H. 0.064, L. 0.062), left legs forwards, standing on a plate; sun-disc with uraeus between the horns; not engraved.
Cambridge, Fitzwilliam Museum, inv. no E. 155.1954.

Unpublished.

171. Bronze statuette of Apis (H. 0.075, L. 0.062), left legs forwards, standing on a plate; sun-disc with uraeus between the horns; incised triangle on the forehead, the eyes and the brows are incised very distinctly; engraved: a collar (worn), a winged scarab, a cover and a vulture with spread wings, three stripes engraved three times on its tail.
Cambridge, Fitzwilliam Museum, inv. no E. 3.1904.

Unpublished.

172. Bronze statuette of Apis (H. 0.057, L. 0.07), left legs forwards, standing on a base (the base is distorted); the sun-disc with uraeus is missing; an incised triangle on the forehead, no engravings on the body. Formerly Coll. Gayer-Anderson.
Cambridge, Fitzwilliam Museum, inv. no EGA 65.1949.

Unpublished.

173. Bronze statuette of Apis (H. 0.084, L. 0.07), left legs forwards, standing on a base; sun-disc with uraeus between the horns; engraved: triangle on the forehead, winged scarab, a cover and a vulture with spread wings.
Cambridge, Fitzwilliam Museum, inv. no E. 8.1940.

Unpublished.

174. Bronze statuette of Apis (H. 0.055, L. 0.065), left legs forwards (the legs are broken); sun-disc with uraeus between the horns; engraved: a winged scarab, a cover and a vulture with spread wings. Some restorations.
Cambridge, Fitzwilliam Museum, inv. no E. 15.1939.

Unpublished.

175. Bronze statuette of Apis (H. 0.0875, L. 0.0675), left legs forwards, standing on a plate; sun-disc with uraeus between the horns, triangle on the forehead; no engravings visible on the body.
Cambridge, Fitzwilliam Museum, inv. no E. 357.1949.

Unpublished.

176. Bronze statuette of Apis (H. 0.155, L. 0.155), left legs forwards, standing on a base; a sun-disc with uraeus between the horns, a triangle on the forehead; engraved: a winged scarab, a cover and a vulture with spread wings; in its ears a globule with rays. Sir Robert Greg Bequest. Date: 6th-5th century B. C.
Cambridge, Fitzwilliam Museum, inv. no E. 204.1954.

Annual Report for the year ending 31 December 1954, Pl. I; *ILN* April 2, 1955, 607; C. Winter, *The Fitzwilliam Museum*, Trianon Press 1958, Pl. VIII.

177. Bronze statuette of Apis (H. 0.075, L. 0.085), left legs forwards, standing on a plate; sun-disc, with remainder of the uraeus, between the horns; engraved: a winged scarab and a vulture with spread wings.
Cambridge, Fitzwilliam Museum, inv. no E. 151.1954.

Unpublished.

178. Bronze statuette of Apis (H. 0.085), left legs forwards, standing on a base; sun-disc with uraeus between the horns, incised triangle on the forehead; engraved: a collar, a winged scarab, a cover and a vulture with wings spread. The statuette is placed on a shrine in the shape of an Egyptian *aedicula* which forms a whole with its socle. A winged Isis with sun-disc on her head and an uraeus on her forehead is placed on this socle, in a protecting attitude, behind Apis. In front of Apis two kneeling adorants. Around the socle an Egyptian inscription to Thot. Former Coll. Zogheb.
Copenhagen, Ny Carlsberg Glyptothek, inv. no AE.I.N. 1464.

Coll. Zogheb d'Alexandrie, Paris 1912, 32, no 345, Pl. IV; Mogensen, *NCG*, 189, no A 437, Pl. LVIII (says that instead of Apis an Ibis may have been placed on the shrine); Roeder, *Bronzefiguren*, § 412, 327, a.

179. Terracotta head of Apis (H. 0.145), sun-disc with uraeus between the horns; in the ears a decorative globule with rays; a globular object under the throat. Remains of white coating.

Copenhagen, Ny Carlsberg Glyptothek, inv. no AE.I.N. 426.

Schmidt, *Aeg. Slg*, 600, E 758; Id., *Choix*, 74, Pl. LXII, fig. 165; Id., *TK*, 87, Pl. LX, fig. 177; Mogensen, *NCG*, 52, no A 369, Pl. LI.

180. Fragment of a terracotta head of Apis (pres. H. 0.09), feathers behind a small sun-disc between the horns, an uraeus was perhaps attached to the disc.

Copenhagen, Ny Carlsberg Glyptothek, inv. no AE.I.N. 427.

Schmidt, *Aeg. Slg*, 600f, E 759; Id., *TK*, 88, Pl. LX, fig. 178; Mogensen, *NCG*, 52, no A 370.

181. Terracotta statuette of Apis standing on a plate (H. 0.095), sun-disc with uraeus between the horns. Remains of white coating.

Copenhagen, Ny Carlsberg Glyptothek, inv. no AE.I.N. 428.

Schmidt, *Aeg. Slg*, 601, E 760; Id., *TK*, 88, Pl. LXI, fig. 181; Mogensen, *NCG*, 52, no A 368, Pl. LI.

182. Terracotta relief plaque (H. 0.27): Isis wearing headdress sitting on a broad throne with an uraeus-frieze, suckling Apis, sun-disc between the horns, standing on a table. Remains of white coating and some painting.

Copenhagen, Ny Carlsberg Glyptothek, inv. no AE.I.N. 1508.

Petrie, *Tarkhan* II, 24, fig. 28; Mogensen, *NCG*, 37, no A 204, Pl. XXXVI.

183. Small glass plaque (H. 0.027, W. 0.033), fused mosaic: Apis walking to left, on a base; sun-disc with uraeus between the horns, triangle on the breast and the forehead. Ancient Coll. Dattari. Formerly Coll. Ch. L. Freer, Washington.

Corning (N.Y.), The Corning Museum of Glass (Washington, the Freer Gallery of Art, inv. no 09.530).

Exhib. Mariemont, no 58; Smith, *Glass*, no 104; Ettinghausen, *Freer Gall.*, 18, fig. 53; Müller in *MÄS* 5, 1964, 149.

184. Bronze statuette of Apis (H. 0.065, L. 0.052), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns, triangle on the forehead. The engravings are hardly distinguishable.

Dijon, Musée des Beaux Arts, inv. no 3761 (deposit of the Louvre).

Unpublished.

185. Bronze statuette of Apis (H. 0.039, L. 0.041), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns, triangle on the forehead; engraved a cover between winged suns. Bequest of Mr A. Gayet.

Dijon, Musée des Beaux Arts, Salle L.

Unpublished.

186. Black-grey stone statuette of Apis (H. 0.038), left legs forwards, standing on a plate; a sun-disc with uraeus between the horns; engraved with sun-symbols. Small ring on its back.

Elspeet, Coll. Dr. F. J. Jannette Walen.

Exhib. Amsterdam 1931, no 46; *Exhib. Leiden* 1963, 62, no 461.

187. Terracotta relief plaque: standing Isis, suckling Apis.

Frankfort o/Main, Städtische Galerie Liebieghaus.

Kaufmann, *Tk*, 68, fig. 38; Tran Tam Tinh, *Isis L.*, 27, n. 5.

188. Terracotta protome of Apis (H. 0.19, W. 0.113, D. 0.14), sun-disc with uraeus between the horns, a ribbon with a globular amulet around the neck; remains of white coating. Former Coll. Forcart.

Geneva, Musée d'art et d'histoire, inv. no 11899.

Unpublished.

189. Terracotta head of Apis (H. 0.15), sun-disc with uraeus between the horns, curls arranged in a triangular form on the forehead, a ribbon with a circular amulet around the neck, in the ears a decoration of a globule with rays. Remains of painting.

Groningen, Instituut voor klassieke archaeologie.

Exhib. Leiden, no 98, Pl. XIX.

190. Terracotta relief-figure: two pastophores, dressed, standing to front on a base, support Apis having a sun-disc between the horns and resting on a bier. Remains of brownish red colour, and white, especially on the clothes.

Hamburg, Museum für Völkerkunde, probably lost.

Weber, *Tk*, 23f, n. 12, fig. 117.

191. Terracotta relief-figure (H. 0.135, W. 0.064, D. 0.036). Two pastophores, dressed, facing each other with their heads turned to front, standing on a base, support Apis resting on a bier. The head-dress of Apis looks like a *klaft*. Former Coll. Reinhardt.

Karlsruhe, Badisches Landesmuseum, inv. no H 799.

Unpublished.

192. Terracotta relief-figure (H. 0.165, W. 0.131, D. 0.045) of Apis in a leaping attitude, the forelegs resting over an amphora. Remains of white coating; on the forehead an incised figure. Former Coll. Reinhardt.

Karslruhe, Badisches Landesmuseum, inv. no H 861.

Unpublished.

193. Terracotta protome of Apis (H. 0.16, W. 0.099, D. 0.088), sun-disc with uraeus between the horns, a ribbon with a crescent around the neck. Remains of white coating. Former Coll. Reinhardt.

Karlsruhe, Badisches Landesmuseum, inv. no H 862.

Unpublished.

194. Bronze statuette of Apis, left legs forwards, standing on a plate with rounded edges. Sun-disc with uraeus between the horns, triangle on the forehead; engraved: a collar and a cover between vultures with spread wings.

In 1971 not to be found in the British Museum.+

Wilkinson, *Manners* I, p. XVI (= Id. III, 88, fig. 1-2).

195. Bronze statuette of (?) Apis (H. 0.10, L. 0.09), left legs forwards, standing on a plate; feathers behind a sun-disc between the large horns. Nothing of the engraving on the body and of the triangle on the forehead is visible because the surface is very crusty.

London, British Museum, inv. no 11581.

Mond-Myers, *Bucheum* I, 103; III, Pl. CIX, 5; Roeder, *Bronzefiguren*, 330f, 417, a.

196. Bronze statuette of Apis (H. 0.171, L. 0.155), left legs forwards, standing on a base with an Egyptian inscription. Sun-disc with uraeus between the horns, the eyes and the triangle on the forehead are gold inlaid; engraved: a collar, a winged scarab, a cover, and a vulture with wings spread. 30th dynasty (378-341 B.C.).

London, British Museum, inv. no 37.448.

Guide Eg. Coll.^{3}, 116, fig. 40; Roeder, *Bronzefiguren*, 327, § 412, a; *cf.* Bieber, *Br. Kassel*, 76, no 263, Pl. XLVII.

197. Bronze statuette of (?) Apis (H. 0.08), left legs forwards, standing on a base (L. 0.10) with an Egyptian inscription. Sun-disc with uraeus between the horns; an engraved collar. The inscription, however, mentions Mnevis. Date: 26th dynasty (663-525 B.C.).

London, University College (Coll. Petrie).

Capart II, Pl. XCV, 1.

198. Bronze statuette of Apis (H. 0.08, L. 0.08), left legs forwards, standing on a base. A triangle on the forehead; a small sun-disc with uraeus between the horns (it looks as if there are (?) feathers behind the disc); engraved: a collar and a cover.

London, University College (Coll. Petrie).

Capart II, Pl. XCV, 2.

199. Bronze statuette of Apis (H. 0.019, L. 0.022), both the forelegs and hindlegs side by side, standing on a plate in the shape of a sledge. Sun-disc with uraeus between the horns, behind the disc a suspension-ring.

London, University College (Coll. Petrie).

Petrie, *Amulets*^{2}, 43, no 207 a, Pl. XXXVII.

200. Bronze statuette of Apis (H. 0.031, L. 0.029), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns, behind the disc a suspension-ring.

London, University College (Coll. Petrie).

Petrie, *Amulets*², 43, no 207 b, Pl. XXXVII.

201. Bronze statuette of Apis (H. 0.037, L. 0.039), both the forelegs and hindlegs side by side, standing on a plate. Sun-disc with uraeus between the horns, behind the disc a suspension-ring.

London, University College (Coll. Petrie).

Petrie, *Amulets*², 43, no 207 c, Pl. XXXVII.

202. Green glaze tablet (H. 0.03, W. 0.028): Apis standing to the right. In the upper part of the amulet a hole for suspension.

London, University College (Coll. Petrie).

Petrie, *Amulets*², 43, no 207 d, Pl. XXXVII.

203. Silver plate (H. 0.020, W. 0.018). In relief: Apis standing to the right, left legs forwards, the head turned to front; a sun-disc between the horns; a garland in the field.

London, University College (Coll. Petrie).

Petrie, *Amulets*², 43, no 207 e, Pl. XXXVII.

204. Cast lead amulet (H. 0.022, W. 0.023). In relief: Apis standing to the left, a disc between the horns, a crescent on the flank; a garland above its back. A priest, kneeling before Apis, (?) lotus on his head, offers something to Apis.

London, University College (Coll. Petrie).

Petrie, *Amulets*², 43, no 207 f, Pl. XXXVII.

205. Blue glaze amulet (H. 0.026, W. 0.028): in relief Apis standing to left, its head to front, sun-disc between the horns; black and yellow glaze applied.

London, University College (Coll. Petrie).

Petrie, *Amulets*², 43, no 207 g, Pl. XXXVII.

206. Blue glass protome of Apis (impressed), sun-disc between the horns (H. 0.028, W. 0.028).

London University College (Coll. Petrie).

Petrie, *Amulets*², 43, no 207 h, Pl. XLV.

207. Bronze statuette of Apis (H. 0.11), both the forelegs and hindlegs side by side, standing on a modern base. Sun-disc with uraeus and the horns are broken off. Around its neck a collar of five lines with a fringe, all gold inlaid. Formerly Coll. H. de Jantzé.

Paris, Bibliothèque Nationale, no 507.

Unpublished.

208. Bronze statuette of Apis H. 0.118, L. 0.118), left legs forwards, standing on a base on a wooden sledge (L. 0.15). Sun-disc with uraeus between the horns, incised triangle on the forehead; engraved: a broad collar, a vulture with spread wings, a cover and a winged scarab.

Paris, Louvre, inv. no E 2450.

Unpublished.

209. Bronze votive-group on a base with an Egyptian inscription (max. H. 0.16, L. 0.16). From left to right: winged Isis (wings partly broken) standing on a pedestal; Apis (H. 0.079), left legs forwards, standing on a plate, sun-disc with uraeus between the horns, triangle on the forehead, engraved: a broad collar, a vulture with spread wings, a cover, and a winged scarab; a kneeling figure, holding a lotus calyx between its hands before the head of Apis. Formerly Coll. Rousset-Bey.

Paris, Louvre, inv. no 5888.

Enc. Phot. I, 123 C; Roeder, *Bronzefiguren*, 327, § 412; § 682, a-b; Sauneron, *Prêtres*, 161 with fig.; Schott in *RÉgypt* 19, 1967, 87, fig. 1; *cf.* Lanzone, *Diz.*, Pl. CCII, 2.

210. Bronze statuette of Apis (H. 0.147, L. 0.137) standing with left legs forwards; sun-disc with uraeus between the horns; engraved: a collar, (?) vulture with spread wings, a cover, and a winged (?)

scarab. The statuette is damaged, (?) lead filled, and has a crusty surface.

Paris, Louvre, inv. no E 10517.

Unpublished.

211. Bronze statuette of Apis (H. 0.084), left legs forwards, standing on a base; sun-disc with uraeus between the horns, a triangle on the forehead; engraved: a collar, a winged scarab, a cover, and a vulture with wings spread.

In 1869 acquired at Dresden. Berlin, Staatliche Museen, inv. no 2576. In 1926 presented to Portugal by the Berlin Museum.

Roeder, *Bronzefiguren*, 328, § 413, e, Pl. XLVII n, fig. 430.

212. Thirteen bronze statuettes of Apis standing on a plate or on a base, with the usual characteristics. Poor work. Formerly Coll. Drovetti.

Turin, Museo Egizio, *s.v.* nos 248-261. Seen in 1972.

Unpublished.

213. Green stone amulet in the form of a trapezium: Apis standing to the right, sun-disc between the horns; an engraved cover; above the back a (?) vulture with spread wings. Formerly Coll. Drovetti.

Turin, Museo Egizio. Seen in 1972.

Unpublished.

214. Bronze statuette of Apis (H. 0.17, L. 0.17), left legs forwards, standing on a base. Sun-disc with uraeus between the horns, engraved: a collar and a cover between winged figures. In 1878 acquired from the Collection Miramar.

Vienna, Kunsthistorisches Museum, inv. no 4145.

Unpublished.

215. Bronze statuette of Apis, both forelegs and hindlegs standing together, on a base with an Egyptian inscription, placed on a sledge (L. sledge 0.21, H. Apis with sledge 0.16, L. of the base 0.14). The sun-disc, the horns and the left legs are broken off. An engraved collar of four lines, gold inlaid. In 1878 acquired from the Collection Miramar.

Vienna, Kunsthistorisches Museum, inv. no 4151.

Hopfner, *Tierkult,* 76ff; Roeder, *Bronzefiguren,* 332, § 420, c, fig. 441 (the Egyptian inscription).

216. Bronze statuette of an Apis-headed human figure (H. 0.18), sun-disc with uraeus between the horns, triangle on the forehead. The right arm is raised and the left arm and hand are in a position as if the personage were holding a lance with both hands.

Vienna, Kunsthistorisches Museum inv. no 4550.

Roeder, *Bronzefiguren,* 62, § 95, *s.v.* b.

217. Bronze statuette of Apis (H. 0.09, L. 0.11), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns. In 1878 acquired from the Collection Miramar.

Vienna, Kunsthistorisches Museum, inv. no 5514.

Unpublished.

218. Brick red mica speckled terracotta head of Apis (H. 0.19, W. 0.175), sun-disc with uraeus between the horns, a ribbon with a circular amulet around its neck (ring); a ribbon with incised horizontal stripes hangs from both ears; remainder of white ground-colour. Formerly Coll. Steger.

Zürich, Archäologisches Institut der Universität, inv. no 1613.

Bloesch, *Das Tier,* 19, no 111, Pl. XX.

219. Grey-black hard-stone statuette of Apis (L. 0.59), left legs forwards. Sun-disc with uraeus between the horns; undulating lines are engraved on the neck; an incised triangle on the forehead. The space between the legs is filled up and shows engravings of lotus-bunches. The lower part of the legs is broken off, and there is a support behind the disc. In a private collection. +

Lange, *Tierpl.,* 29, fig. 35.

220. Bronze statuette of Apis, left legs forwards, standing on a plate (H. 0.057, L. 0.057). Sun-disc with uraeus between the horns, triangle on the forehead. +

Auction Aladdin House 1971, 4, no 102.

221. Bronze statuette of Apis (H. 0.064), left legs forwards, standing on a plate. Sun-disc with uraeus broken off; engraved: a cover between winged scarabs. +

Ars Antiqua 1967, no 138, Pl. XVI.

222. Bronze statuette of Apis, left legs forwards, standing on a base (total H. 0.19, H. base 0.02, L. base 0.165, W. base 0.052). Sun-disc with uraeus between the horns, triangle on the forehead, eyes gold inlaid; engraved: a collar, winged scarab, a cover and a vulture with wings spread. The rectangular base bears an illegible inscription in hieroglyphics. Fine patina with red spots. +

Auction Atzler 46, 1972, 42, no 68, Pl. XX; *cf.* W. Westendorff, *Das alte Ägypten,* 1968, 213.

223. Bronze statuette of Apis (H. 0.059, L. 0.063), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns, triangle on the forehead; engraved: a collar, a cover, and (?) wing. Green patina. +

Auction Atzler 49, 1974, 41, no 72, Pl. XVI.

224. Bronze statuette of Apis (H. with base 0.055), left legs forwards, standing on a base (H. 0.007, L. 0.048, W. 0.015). Sun-disc with uraeus between the horns, (?) triangle on the forehead. Green patina. +

Auction Atzler 49, 1974, 41, no 73, Pl. XVI.

225. Bronze statuette of Apis (H. 0.095), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns; engraved: a collar, a vulture with spread wings, a cover and a winged scarab. Formerly Coll. Borelli-Bey. +

Coll. Borelli-Bey, Vente Drouot 1913, 13, no 139, Pl. X.

226. Bronze statuette of Apis (H. 0.14), right legs forwards; a sun-disc with uraeus between the horns. Formerly Coll. Borelli-Bey. +

Coll. Borelli-Bey, Vente Drouot 1913, 13, no 140, Pl. X.

227. Bronze statuette of Apis (H. 0.065), left legs forwards, standing. Sun-disc with uraeus between the horns, engraved: a collar, winged scarab, a cover and a vulture with wings spread. Formerly Coll. Gréau. +

Froehner, *Br. Gréau*, 167, no 826.

228. Bronze statuette of Apis (H. 0.10) standing on a base; a sun-disc with uraeus between the horns. Formerly Coll. Gréau. +

Froehner, *Br. Gréau*, 167, no 827.

229. Pale terracotta figure of Apis, on a plate, a sun-disc between the horns (H. 0.167). Traces of coating. Formerly Coll. Gréau. +

Froehner, *Tc Gréau*, 254, no 1209.

230. Bronze statuette of Apis (L. 0.087), left legs forwards, standing on a plate. Sun-disc with uraeus between the horns; engraved: winged sun, a cover and a vulture with wings spread. +

Auct. Kricheldorf 1965, no 84 with fig. on p. 16.

231. Terracotta relief plaque: Isis standing on a base, suckling Apis standing on a pedestal. +

Sieglin II (3), 228, Pl. LII, 7 (Pagenstecher describes as Harpocrates with panther); Tran Tam Tinh, *Isis L.*, 27, n. 5.

232. Bronze statuette of Apis. From a private Coll. +

Auction Sotheby, 1-7-1957, 7, *s.v.* no 29.

233. Bronze statuette of Apis (H. 0.038). From a private Coll. +

Auction Sotheby, 11-4-1960, *s.v.* no 50 (Ptol. period); *cf.* perhaps *Auction Sotheby* 23-2-1960, *s.v.* no 233.

234. Bronze statuette of Apis (H. 0.057). +

Auction Sotheby, 25-7-1960, *s.v.* no 64 (Ptol. period).

235-6. Two bronze figures of Apis (H. 0.05), sun-disc with uraeus between the horns. From a private Coll. +

Auction Sotheby, 12-12-1961, 30, *s.v.* no 102; *cf.* perhaps *Auction Sotheby*, 6-2-1961, no 1.

237. Bronze statuette of Apis (H. 0.05). +

Auction Sotheby, 23-10-1961, *s.v.* no 105 (late period); *cf.* perhaps *Auction Sotheby* 31-7-1961, no 63.

238. Bronze statuette of Apis (H. 0.075), sun-disc with uraeus between the horns. Formerly Coll. Mr C. Clifton Esq. +

Auction Sotheby, 16-7-1962, no 55.

239. Bronze statuette of Apis (H. 0.044). +

Auction Sotheby, 9-12-1963, no 144.

240. Bronze statuette of Apis (H. 0.07), sun-disc with uraeus between the horns; engraved: a cover between winged scarabs. +

Auction Sotheby, 20-4-1964, no 133 (26th dynasty).

241. Bronze statuette of Apis (H. 0.039). +

Auction Sotheby, 22-12-1969, no 118.

242. Bronze statuette of Apis standing on a base with hieroglyphic inscription (H. 0.13, L. 0.165). Traces of engraving on the body. +

Auction Sotheby, 8-12-1970, no 213 (late period).

243. Bronze statuette of Apis standing on a base (H. 0.089), sun-disc with uraeus between the horns. +

Auction Sotheby, 21-12-1970, no 115 (late period).

244. Bronze statuette of Apis (H. 0.048). From a private Coll. +

Auction Sotheby, 29-1-1973, 15, no 141.

245. Terracotta statuette of Bes in a military dress. An amulet is placed on top of the feather crown: Apis, left legs forwards and a sun-disc between the horns, is standing to the right in a *naiskos*; the lintel is decorated with an uraeus-sun and on top of it an uraeus-frieze. In 1971 not to be found in the British Museum. +

Wilkinson, *Manners* I, 150, fig. 534.

246. Terracotta statuette of Bes in a military dress. He holds a shield in his left hand, a sword in his upraised right one. On top of the feather crown an amulet: Apis, a sun-disc between the horns, is standing to the right in a *naiskos*; the lintel of the *naiskos* is decorated with an uraeus-sun and on top of it an uraeus-frieze. +

Lanzone, *Diz.*, Pl. LXXIX, 1; Michailidis in *BIEC* 45, 1963/1964 (1968), 83, n. 73.

247. Bronze statuette of Apis, left legs forwards, standing on a base with an Egyptian inscription; sun-disc with uraeus between the horns; engraved: a broad collar, a winged sun or scarab, a cover, and an unidentifiable winged animal. +

Lanzone, *Diz.*, Pl. CC, 1.

248. Bronze statuette of Apis, left legs forwards, standing on a base the short side of which is decorated with hieroglyphs. Sun-disc with uraeus between the horns; no engravings. +

Lanzone, *Diz.*, Pl. LV, 1-2.

249. A representation of three figures, possibly made of bronze: a cow-headed human figure, wearing a *klaft* on top of which a sun-disc is placed between cow's horns; a sceptre in the left hand, an *anch*-sign in the right one; this personage is sitting on a tabouret, and is placed behind a figure of Apis, a sun-disc with uraeus between the horns, and on the body marked as the example given by Mariette (Mariette-Maspero, fig. 5). The cow-headed figure and Apis are placed on a base. In front of Apis a kneeling (?) priest, both arms raised. +

Lanzone, *Diz.*, Pl. CCII, 1a-c; *cf.* Mariette, *Oeuvres diverses* I, 265 with fig.

GENERAL INDEX

Abusir 24
adlocutio (allocutio, allocution) nos 139, 147
adorant see kneeling adorant
aedicula 1, 3, nos 28, 140, 165, 178
Aion no 90
Alexandria 25ff
altar nos 5, 25, 32, 49, 91-93, 99, 103, 124, 127, 149, 165
Amenophis 1
Amosis 2, no 136
amphora nos 99, 148, 192
anch nos 26, 66, 67, 69, 70, 72, 97, 249
Antinoopolis 29
Apis-headed 1f, nos 22-24, 26, 27, 138, 139, 147, 166, 216
Apis-Imperator no 139
Athribis 30
Atlantes no 25
barge nos 66-71
basalt no 140
bees no 32
Bes nos 32, 65, 91, 99, 100, 149, 245, 246
Beset nos 32, 104
bier nos 66-70, 72, 190, 191
boat no 144
caduceus no 166
calyx nos 26, 27, 209
canope nos 103, 116
Carian no 4
chapel nos 27, 66-72
coffin no 136
cornucopia no 151
cow-headed no 249
crescent nos 33, 42, 43, 62, 90, 92, 93, 102, 114, 116, 123, 143, 150, 165, 167, 193, 204.
curls nos 33, 48, 89, 155, 189
dagger no 136
Darius 2
Deir el Medina 30
Delta 34
Dromos 3, 10f
earring no 151
Elephantine 30
Esarhaddon 2
eye nos 31, 92, 93
faience no 124
Fayum 30ff
flame no 165
fused mosaic no 183
garland nos 49, 95, 203, 204
Gebel el Teyr 32
gilded, gilt nos 44, 133, 156
Gizeh 32f
glass nos 127, 183, 206
glass-paste no 164
glaze nos 202, 205
globe nos 139, 147
gold nos 6, 50, 52, 54, 132, 136, 196, 207
gold-incrustation no 157
granite 2, no 89
Gurob 33
Harpocrates nos 103, 141, 148, 231
hawk nos 5, 86
hemicycle no 28
Heracleopolis Magna 30
Horbeit 33
Horus nos 98, 140
hypogeum no 97
Ibis no 178
infulae no 48
inscription, Greek nos 25, 89, 132
—, Egyptian nos 3, 4, 6, 7, 21, 22, 24, 26, 27, 29, 39, 63, 75-77, 85, 134, 153, 178, 196, 197, 209, 215, 247, 248
Isis p. IX, nos 66, 69, 72, 78, 92, 93, 98, 101, 106, 112, 117, 140, 141, 178, 182, 187, 209, 231
jackal no 26
key no 90
Khâmwêsé no 26
klaft nos 24, 103, 191, 249
kneeling King no 51
kneeling adorant nos 55, 74, 178, 209, 249

knife of sacrifice no 90
Kom el Sciugafa 26f
lance nos 138, 139, 216
lapis lazuli no 137
lead no 204
limestone 2, 3, nos 1, 25-27, 31, 66-72, 111, 164
lotus nos 3, 48, 49, 95-97, 149, 209, 219
manger nos 26, 27
marble no 90
Memphis 12ff
military dress nos 166, 245, 246
Mithras no 90
Mit Rahineh 19ff
Mnevis no 197
mosaic see fused mosaic
mummy 2, nos 27, 69, 86, 133
naiskos, *naos* nos 26, 37, 91-93, 104, 110, 245, 246
Naucratis 34
necropolis 2, 11ff, no 97
Nectanebo I 3, no 85
Nephthys nos 66, 69, 72, 78
nimbus no 117
North Saqqarah 23f
offering nos 51, 92, 93
Osiris p. IXf, nos 22, 69
panther no 231
pastophores nos 190, 191
Pastophorion no 25
pectoral no 103
pillar of Pompeius nos 89, 90
priest nos 121, 204
Psammetichus I 2, 3
Ptah nos 63, 67, 68
pyramid 1, 35, no 81
Ramses II 2
Ramses-em-Peramen no 27
Saqqarah 21f
Sarapis p. IXf, nos 90, 120
schist nos 28, 41
serpent no 97
serpentine 3, no 5
Serapeum 1, 5, no 28
shrine nos 130, 178
sickel no 90
sign Yusuf no 81
silver nos 7, 51, 52, 83, 135, 146, 203
situla nos 97, 98
Siwa 35
sledge nos 3, 28, 41, 82, 83, 168, 199, 208, 215
snake no 90
star no 90
steatite nos 56, 126, 168
stele 2, 3, nos 25, 85
stone nos 125, 160, 186, 213, 219
taenia no 49
Taharqa 2
Thebae 35f
Thot no 178
Titus no 92
torch no 49
torso no 90
turtle no 164
tympanum no 148
unknown 36ff
uraeus-frieze nos 71, 101, 112, 182, 245, 246
uraeus-sun nos 6, 245, 246
vase no 74
veil nos 41, 105, 166
vine no 32
wood 2, nos 82, 83, 208
Zeus p. IX

ACKNOWLEDGEMENTS OF THE PHOTOGRAPHS

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1,c Serapeum Memphis, Dromos. Mariette, *Oeuvres* I, Pl. IV; Lauer-Picard, Pl. 17 a-b.

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24. Id., 38590.

25. Cairo, Egyptian Museum. Roeder, *Kulte*, Pl. XIV.

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27. Id., Pl. II.

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45. Hildesheim, RPMuseum. Roeder, *Bronzewerke*, Pl. XXVII i.

46. Hildesheim, RPMuseum. Roeder, *Bronzewerke*, Pl. XXVII h.

47. Hildesheim, RPMuseum. Roeder, *Bronzewerke*, Pl. XXVIII e.

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95. Alexandria, Graeco-Roman Museum. Sieglin II (3), Pl. LIX, 11.
96. Private Collection. Sieglin II (3), Pl. L, 3.
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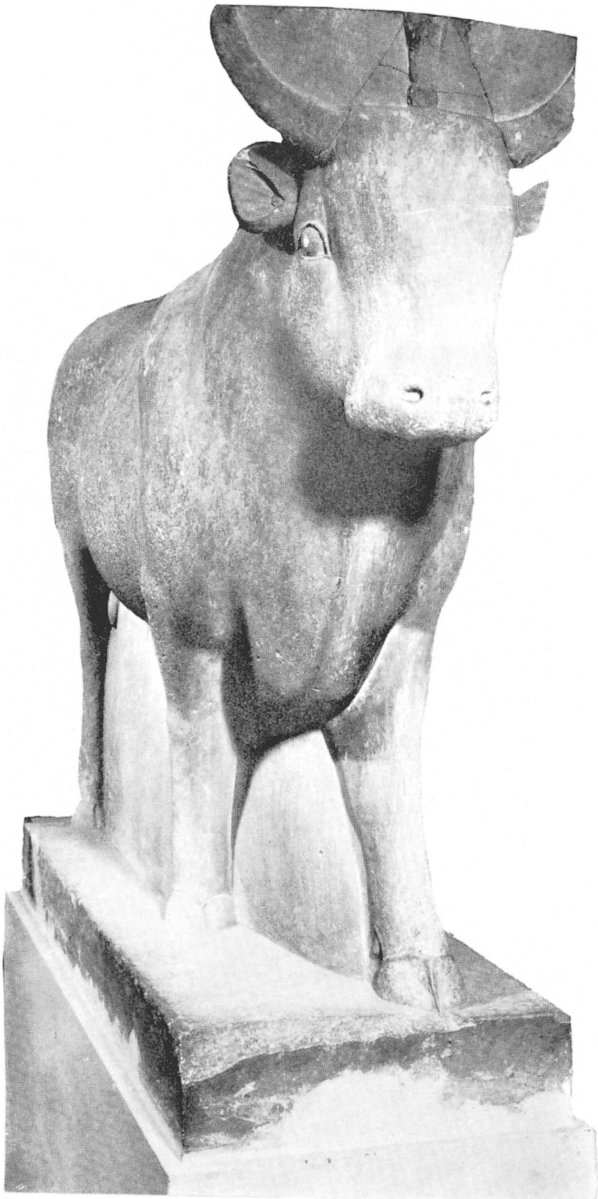
247-249.	Photos: Lanzone, *Diz.*, Pls. CC, 1; LV, 1-2; CCII, 1a-c.

fig. 1.	Drawing after Mariette-Maspero, Pl. II.
fig. 2.	Drawing after Vercoutter, *Textes*, figs. 2, 3, 5.
fig. 3.	Drawing after Mariette-Maspero, 117, fig. 1.
fig. 4.	Drawing after Maspero, *Geschichte der Kunst in Ägypten*, Stuttgart 1913, 148, Abb. 263.

PLATES



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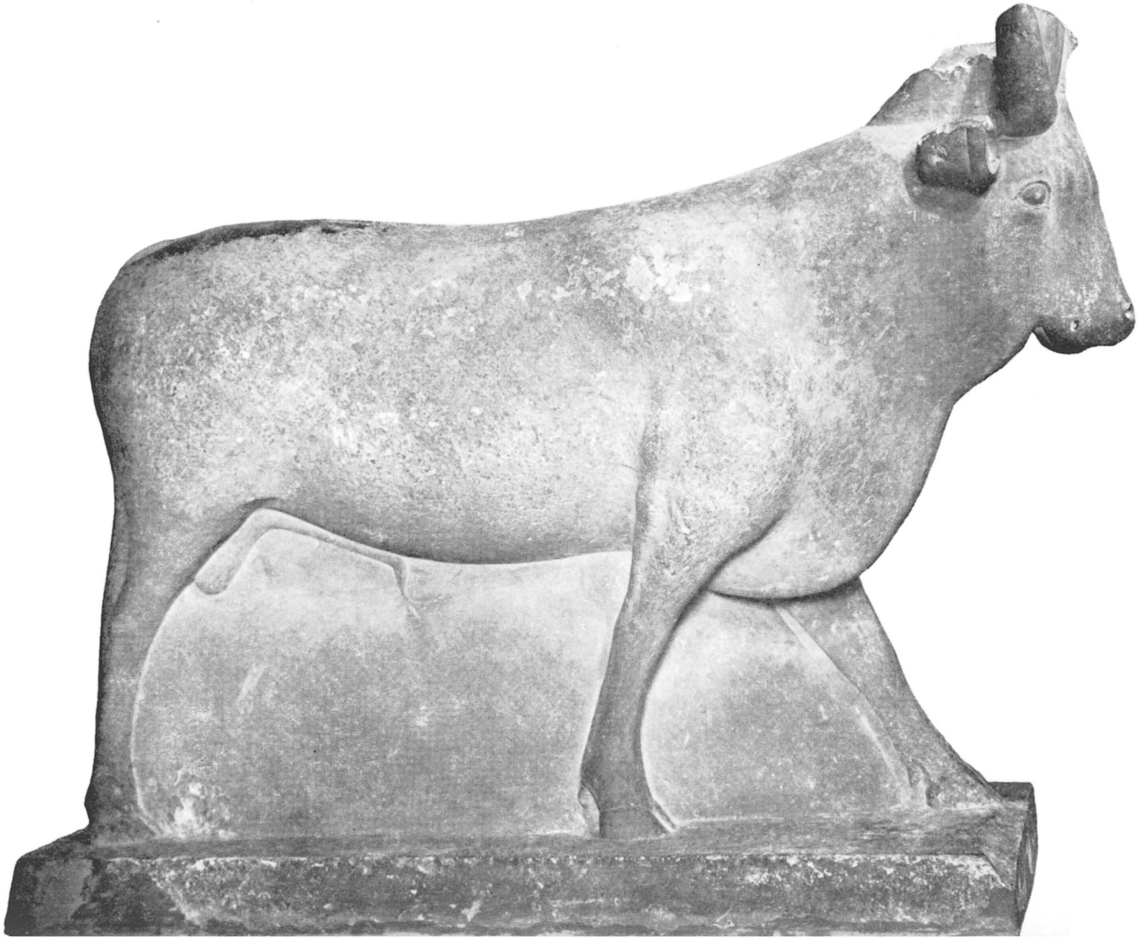

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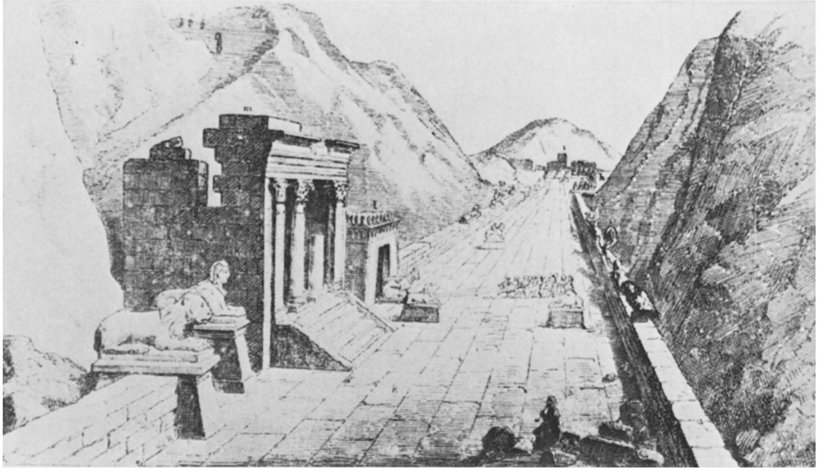

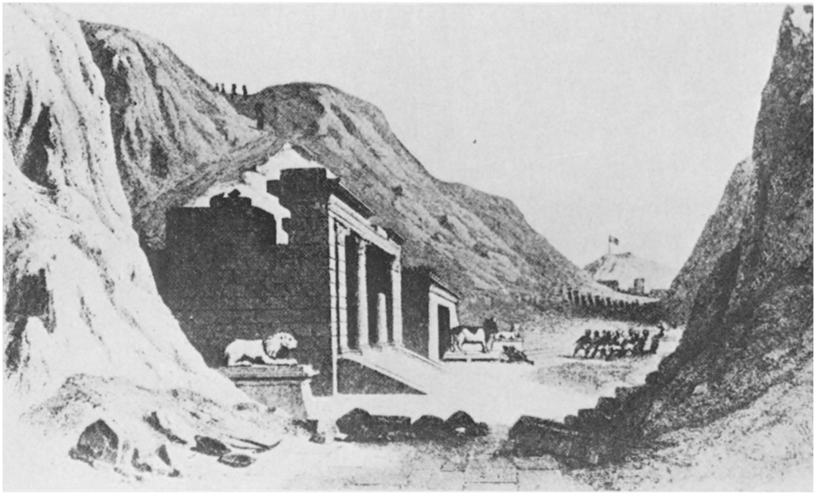

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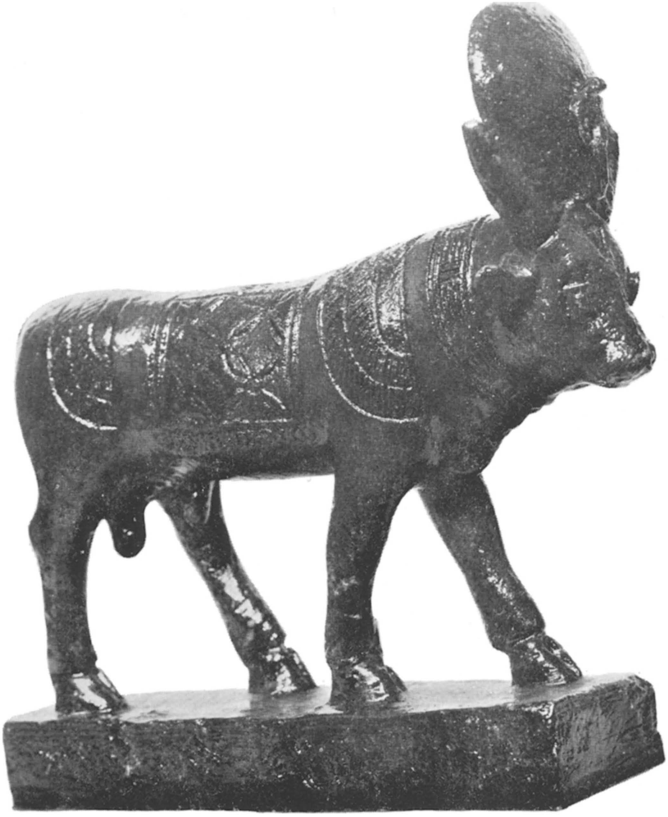

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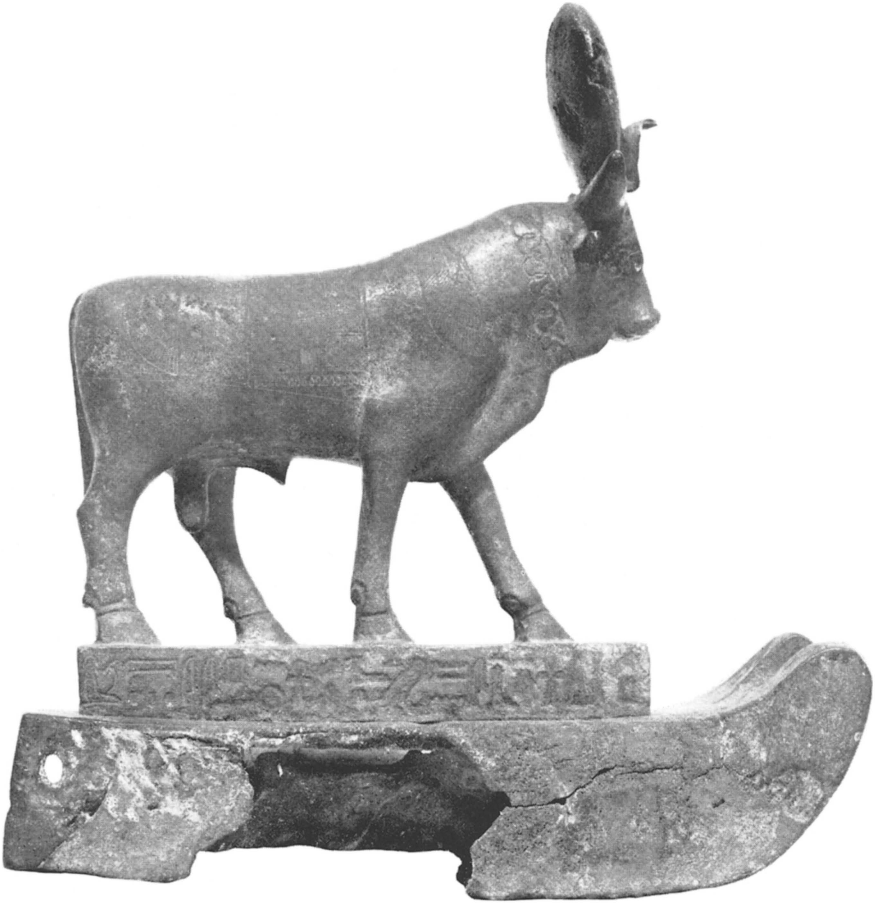

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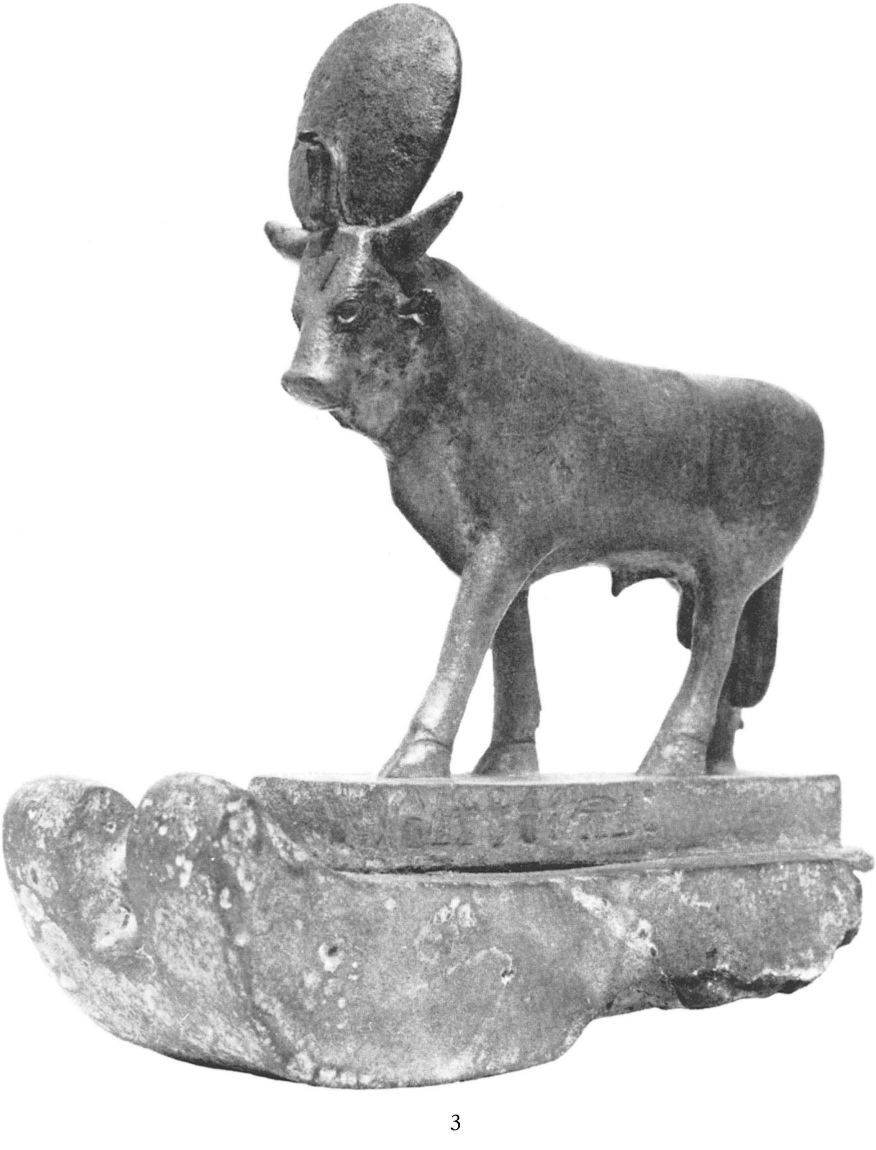

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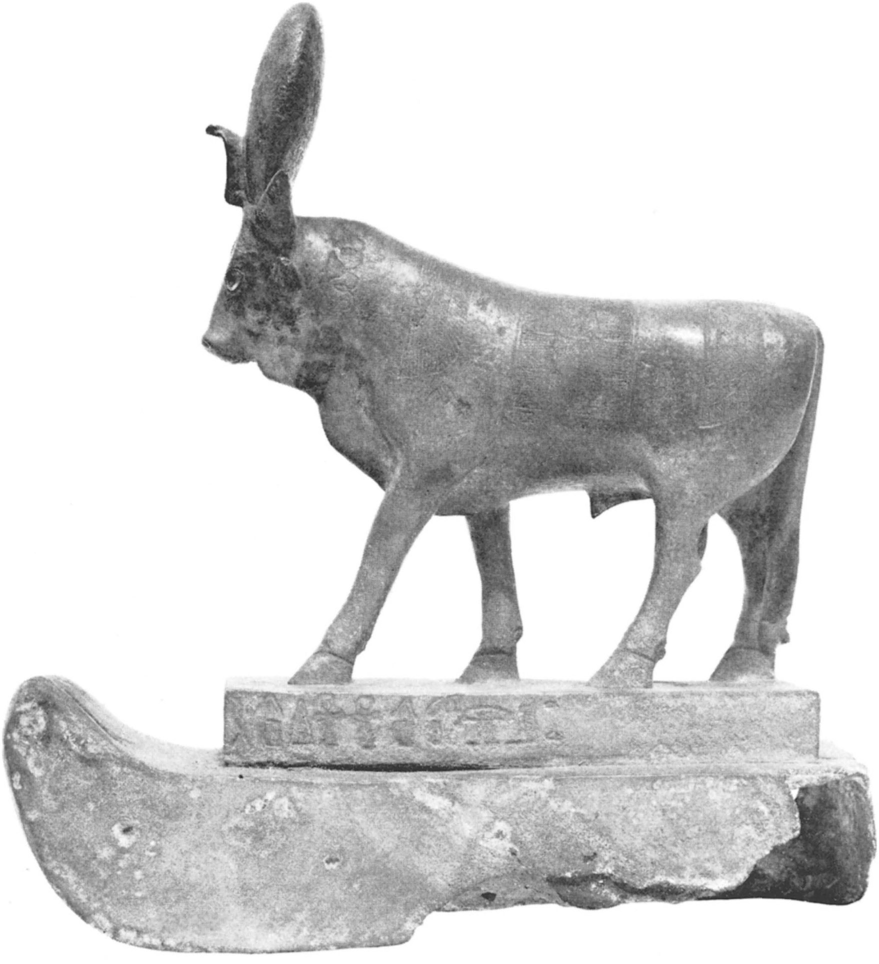

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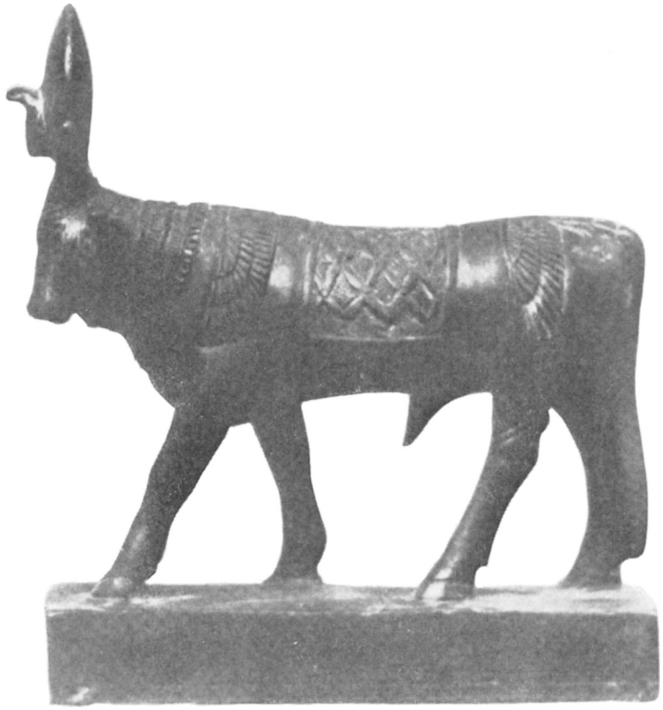

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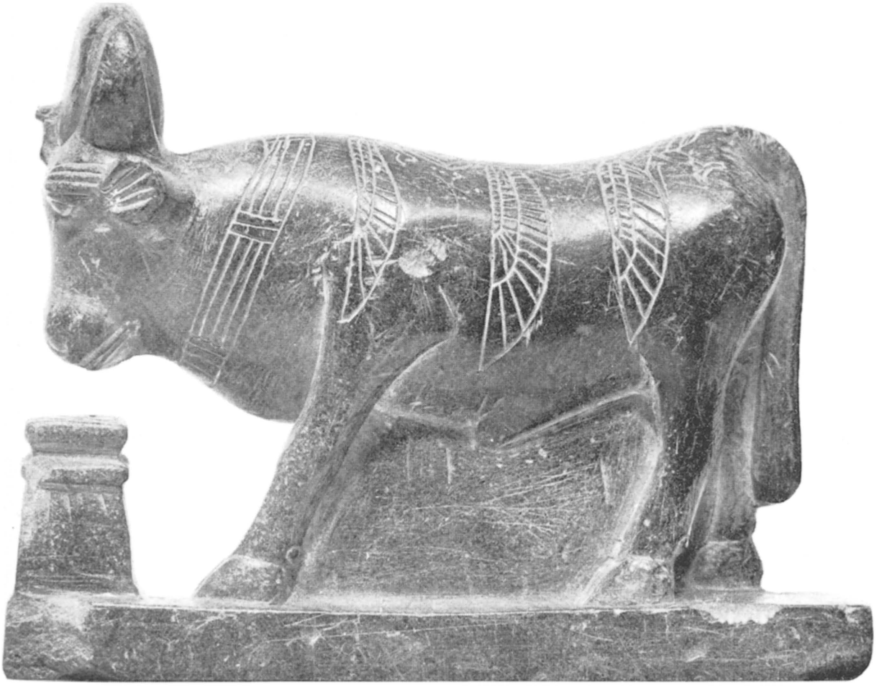

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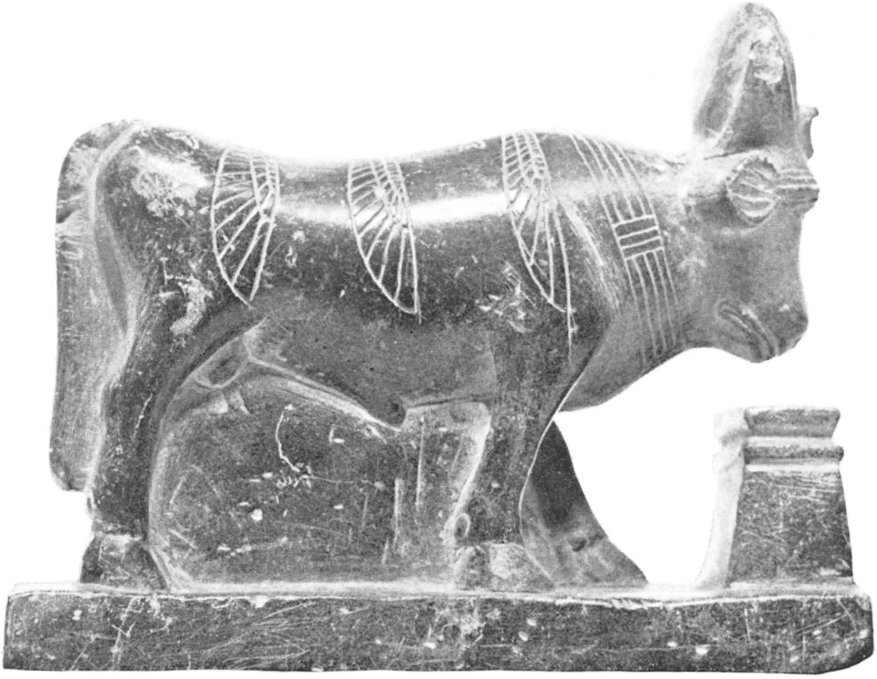

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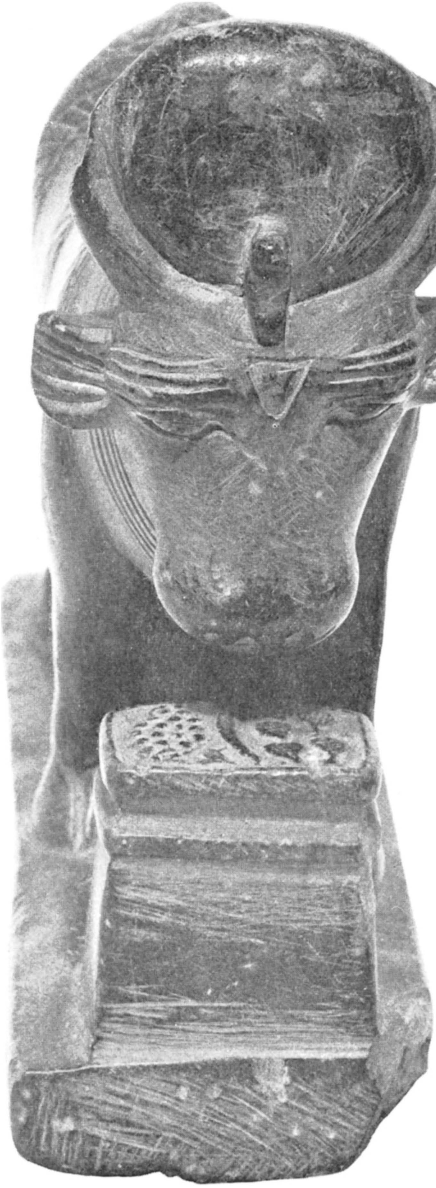

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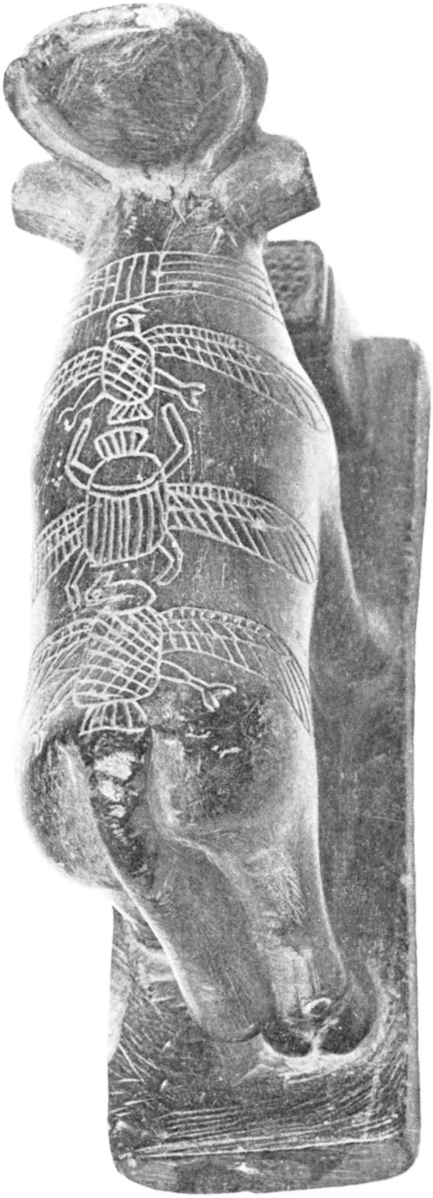

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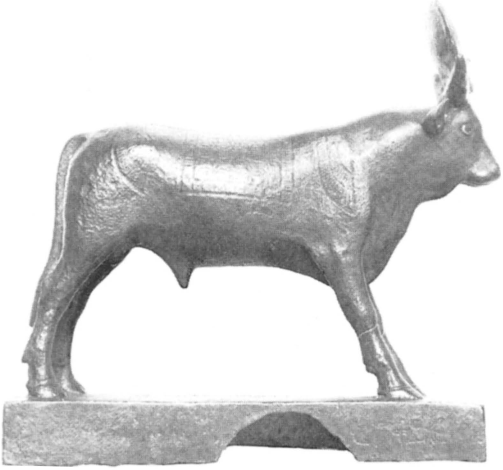

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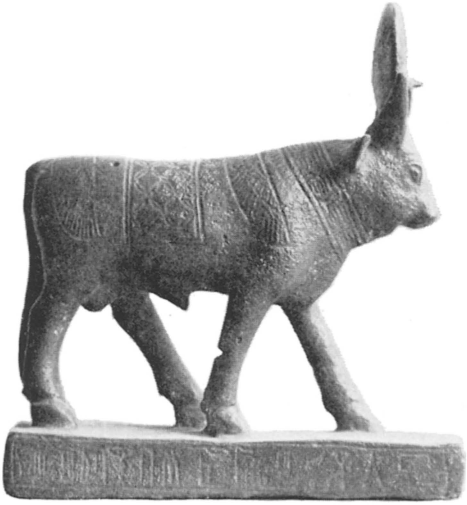

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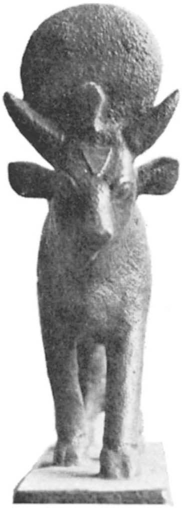

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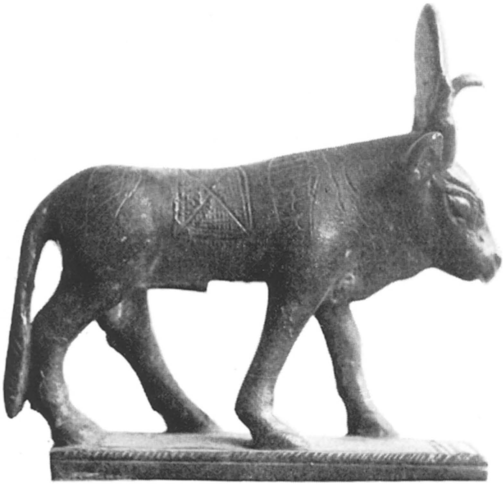

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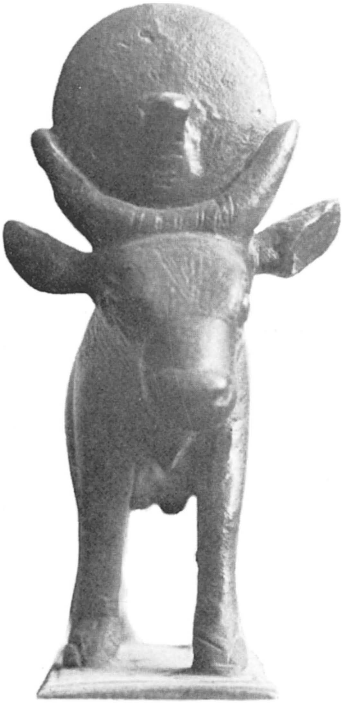

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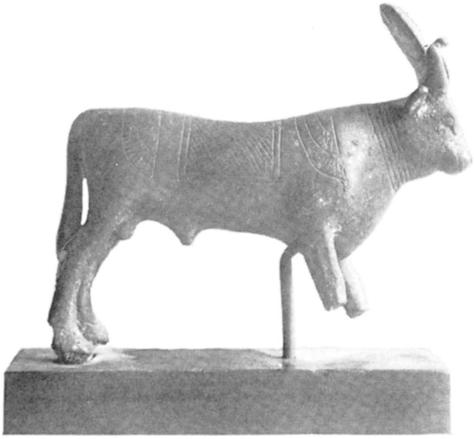

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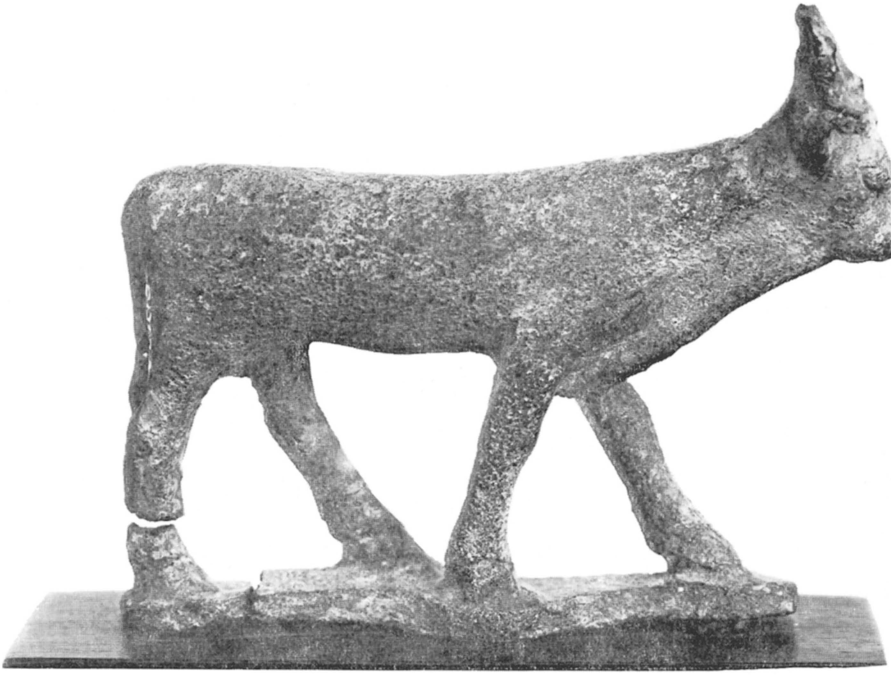

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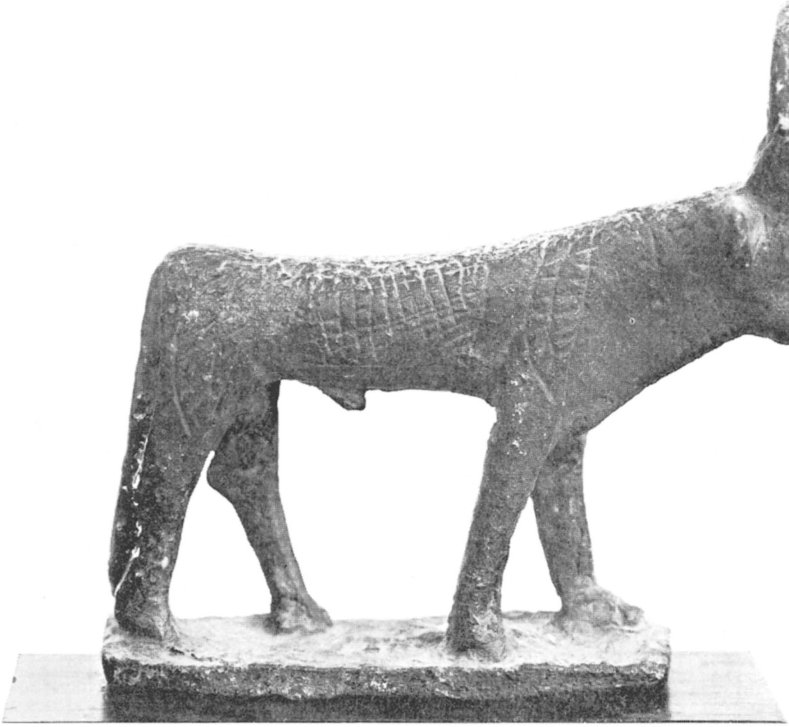

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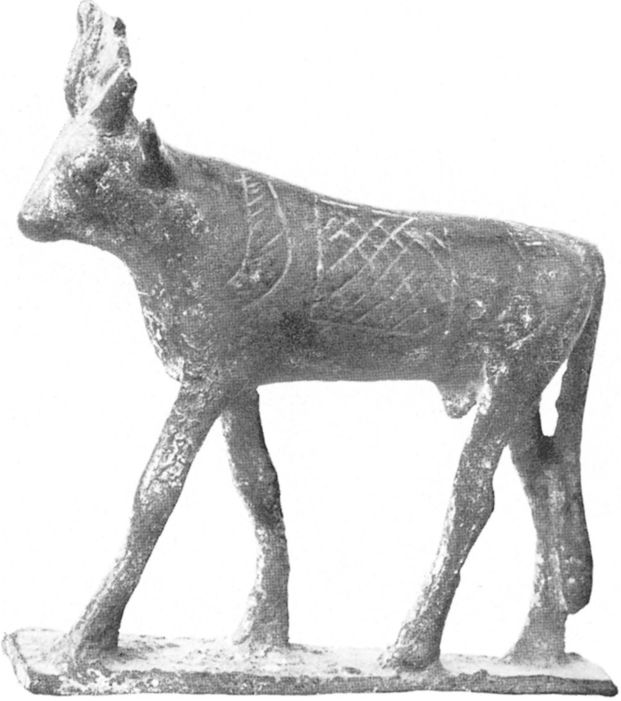

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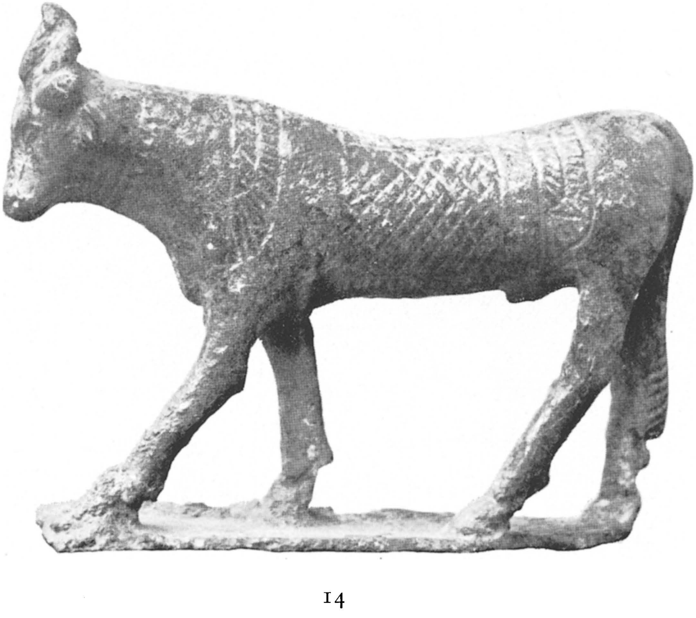

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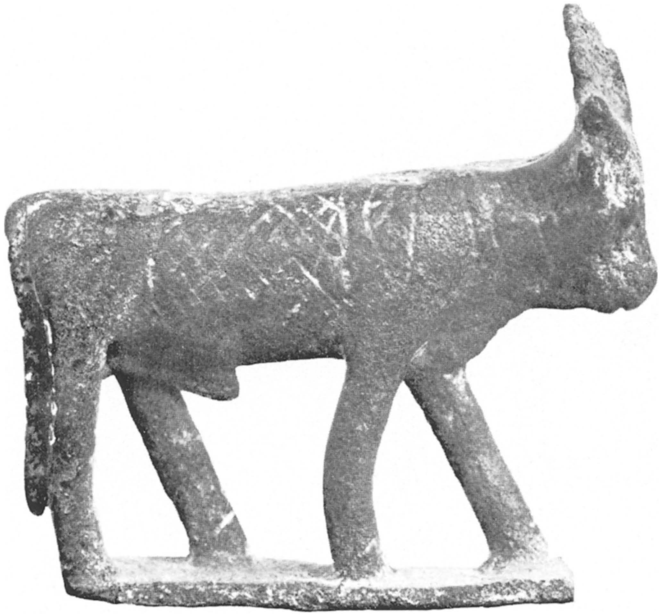

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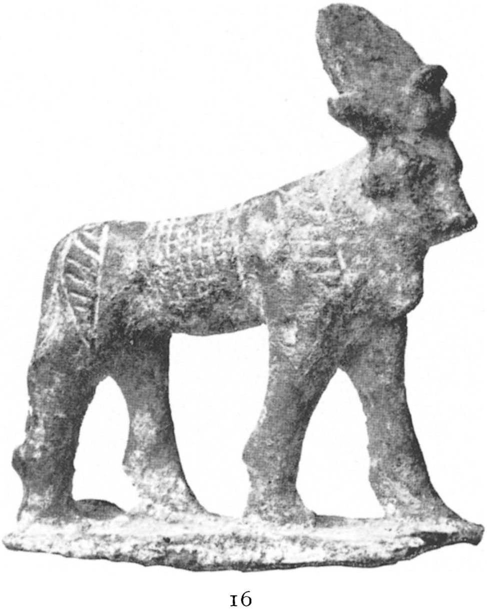

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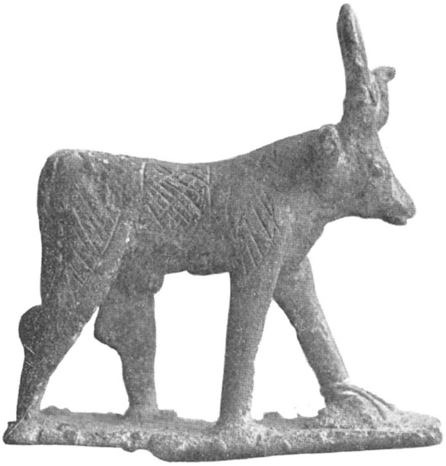
PLATE XVII



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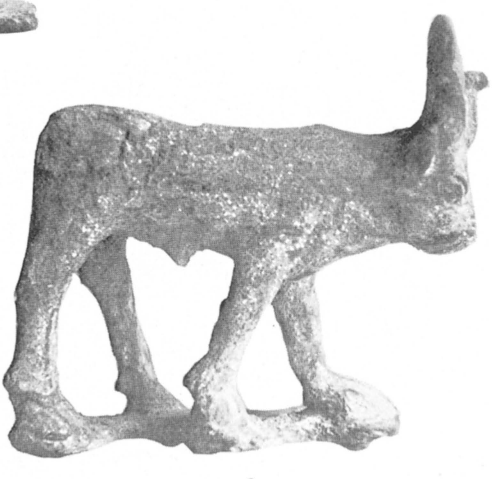

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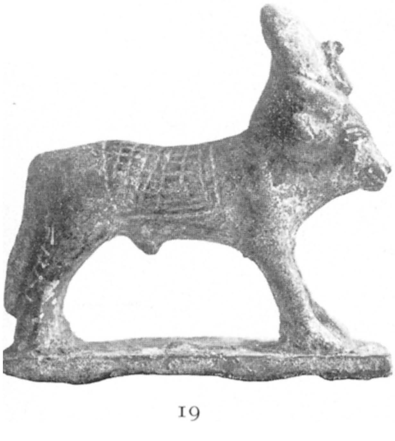

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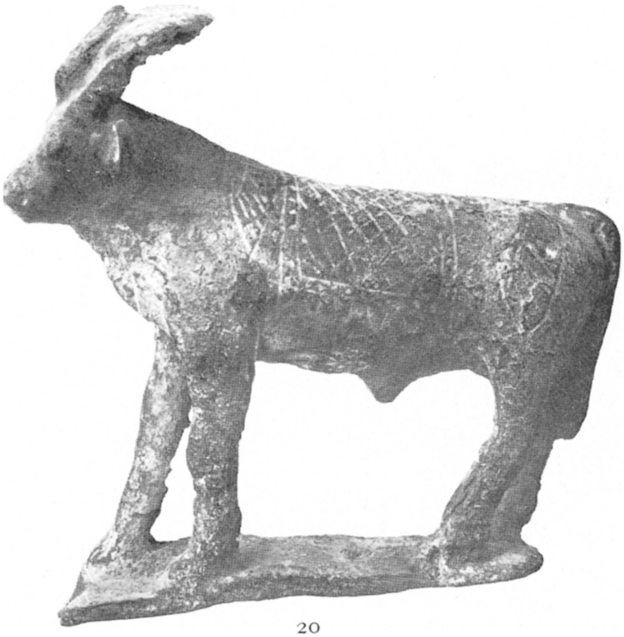

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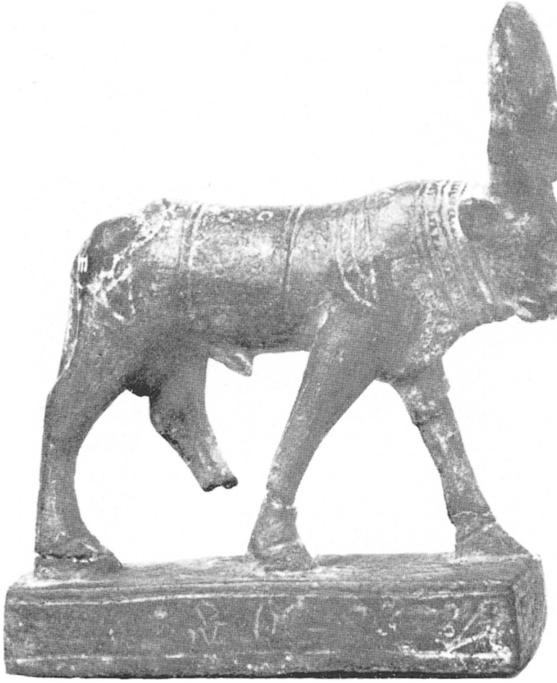

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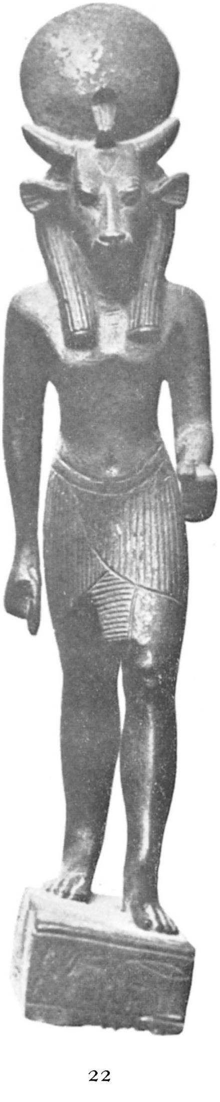
PLATE XIX



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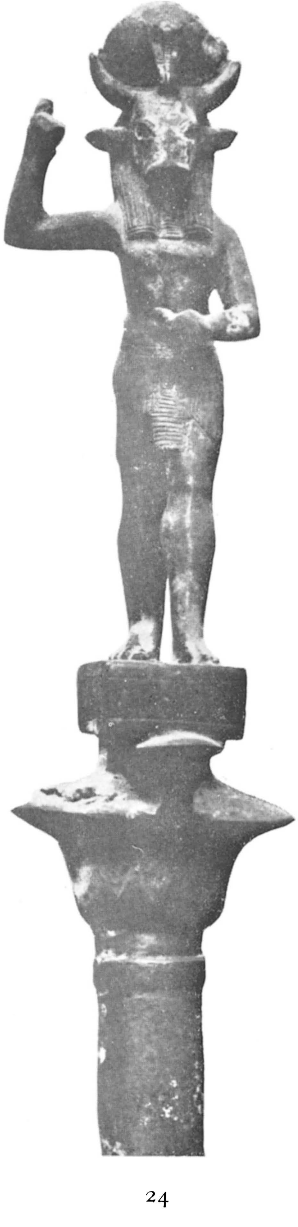

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Plate XX

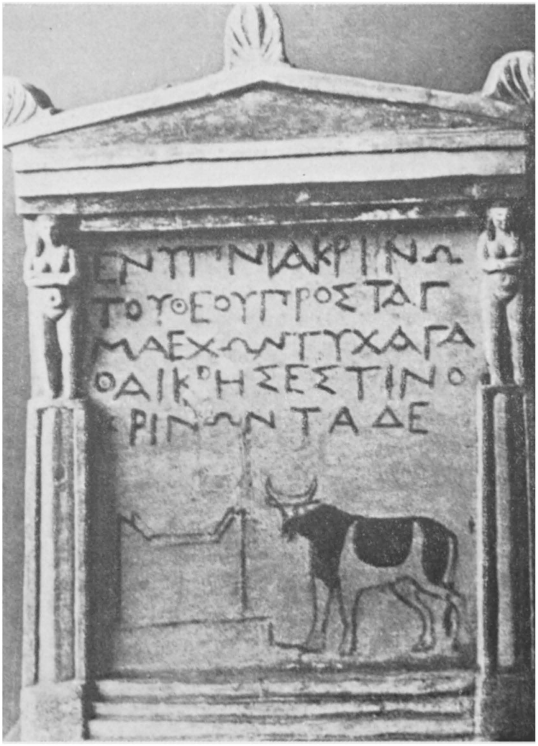
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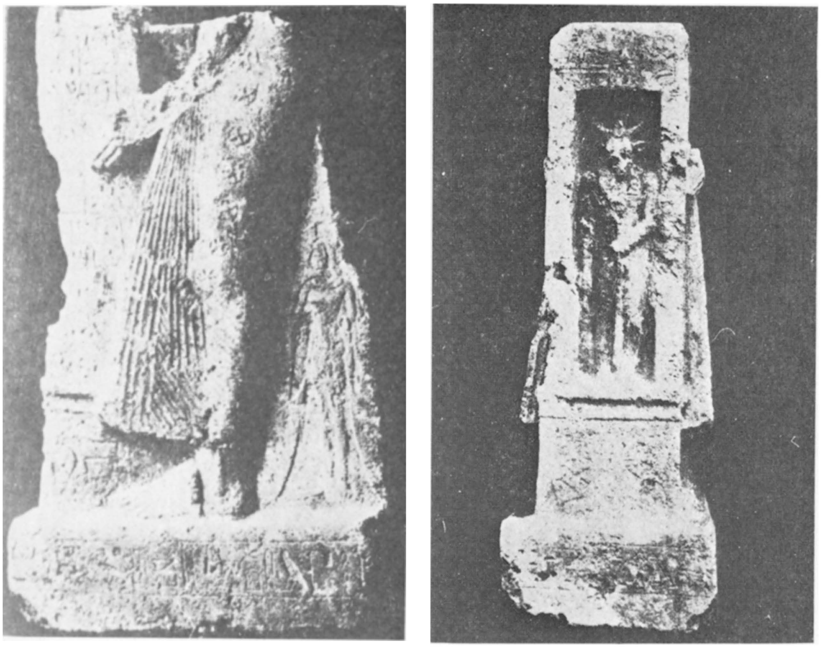
Plate XXI



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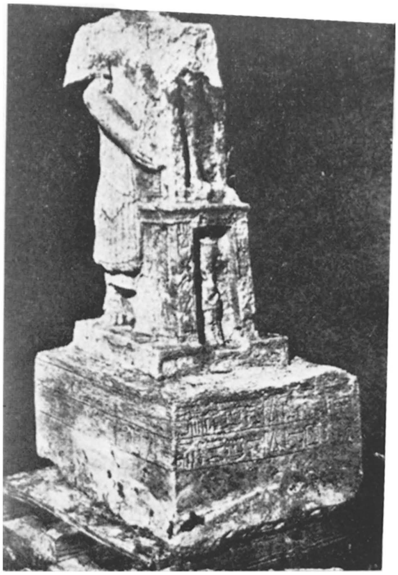

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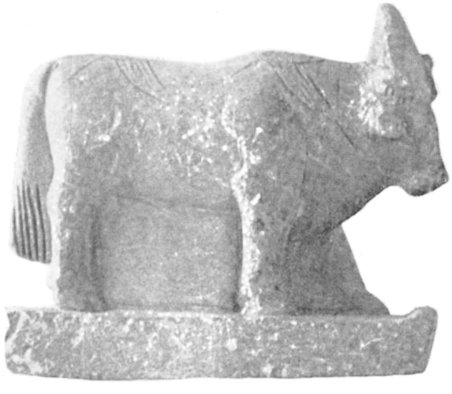
Plate XXII



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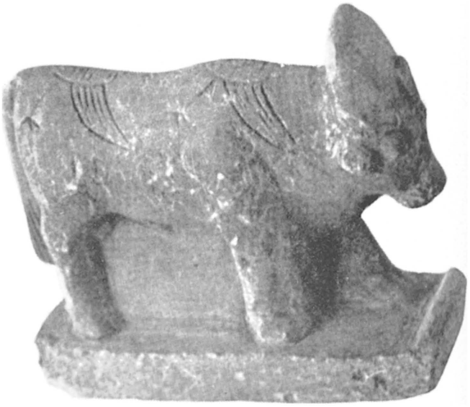

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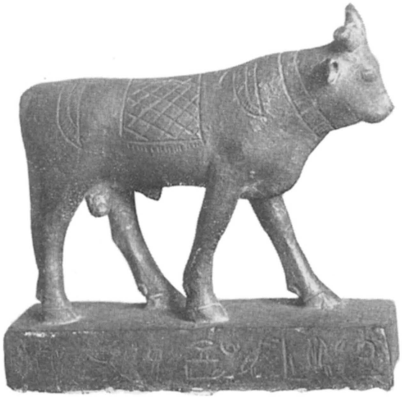

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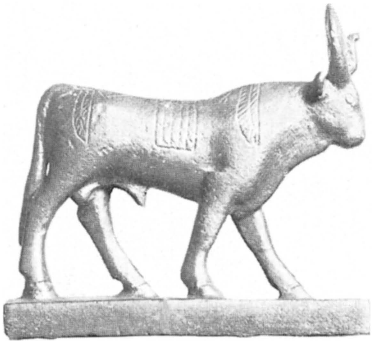

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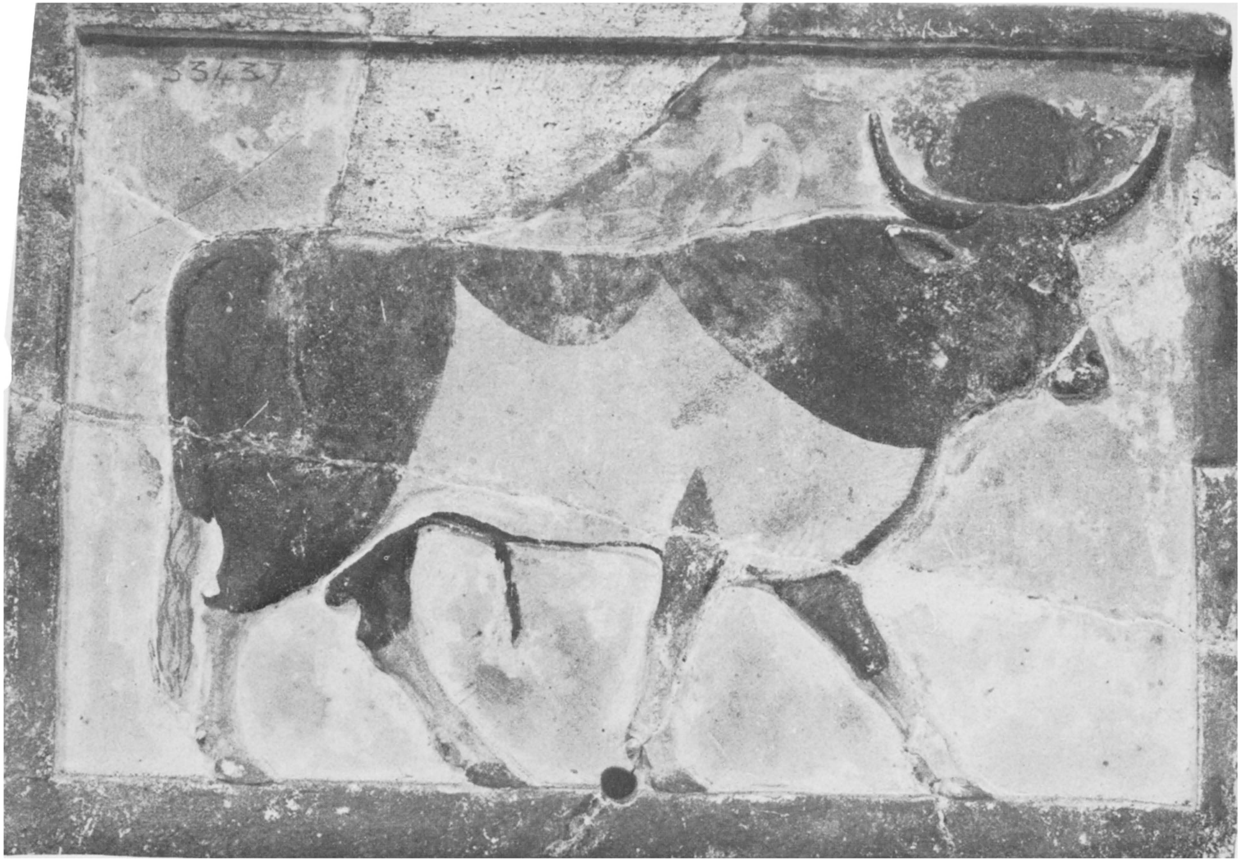

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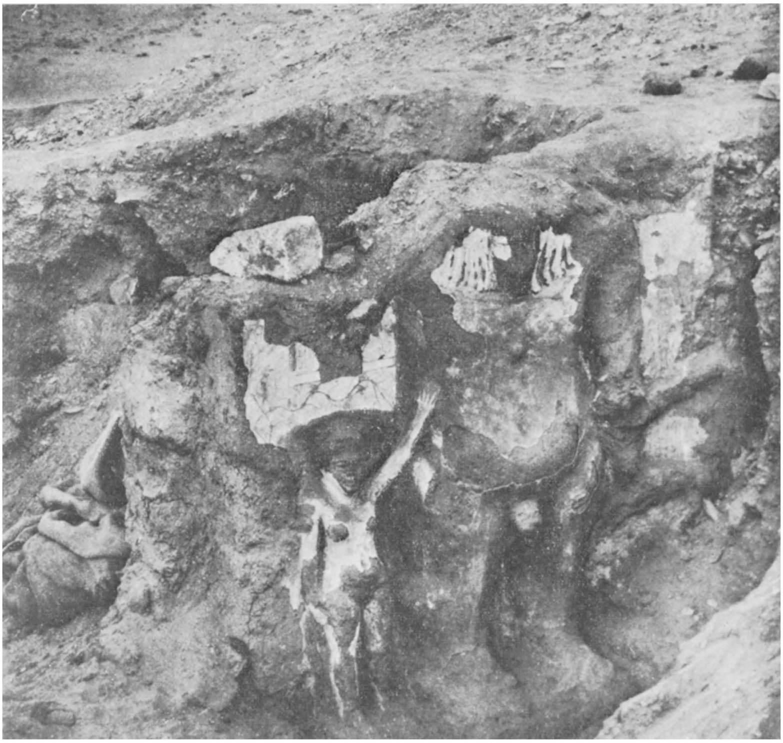

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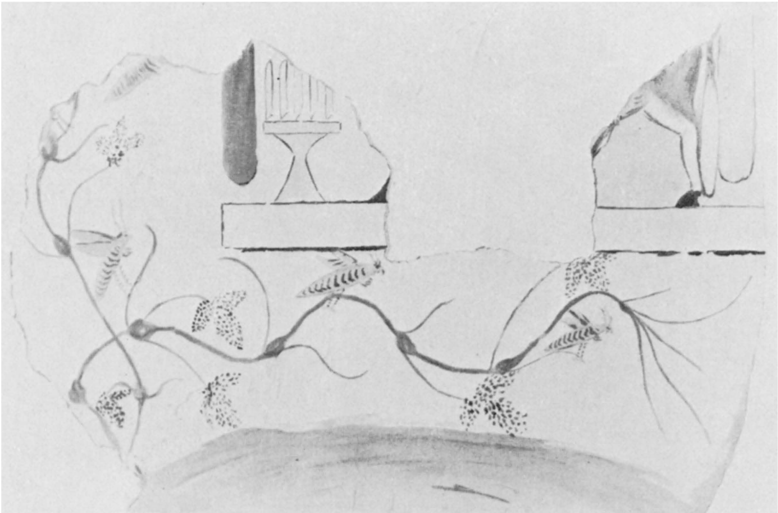

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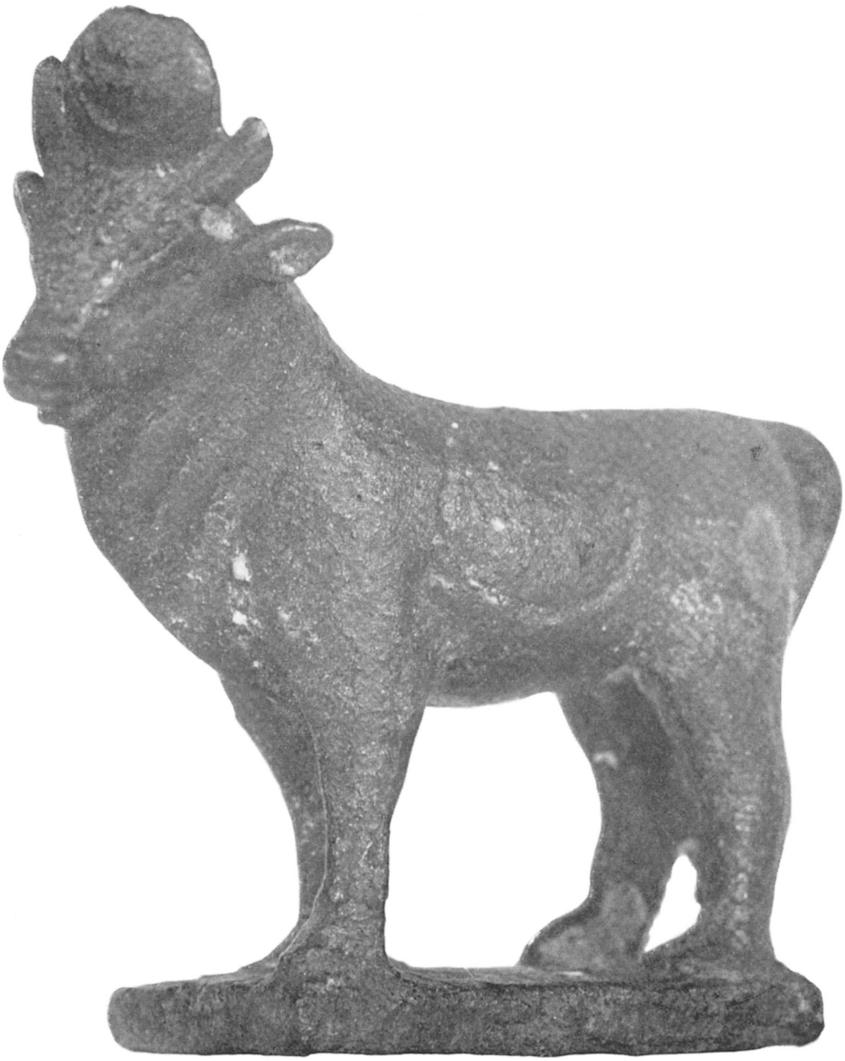

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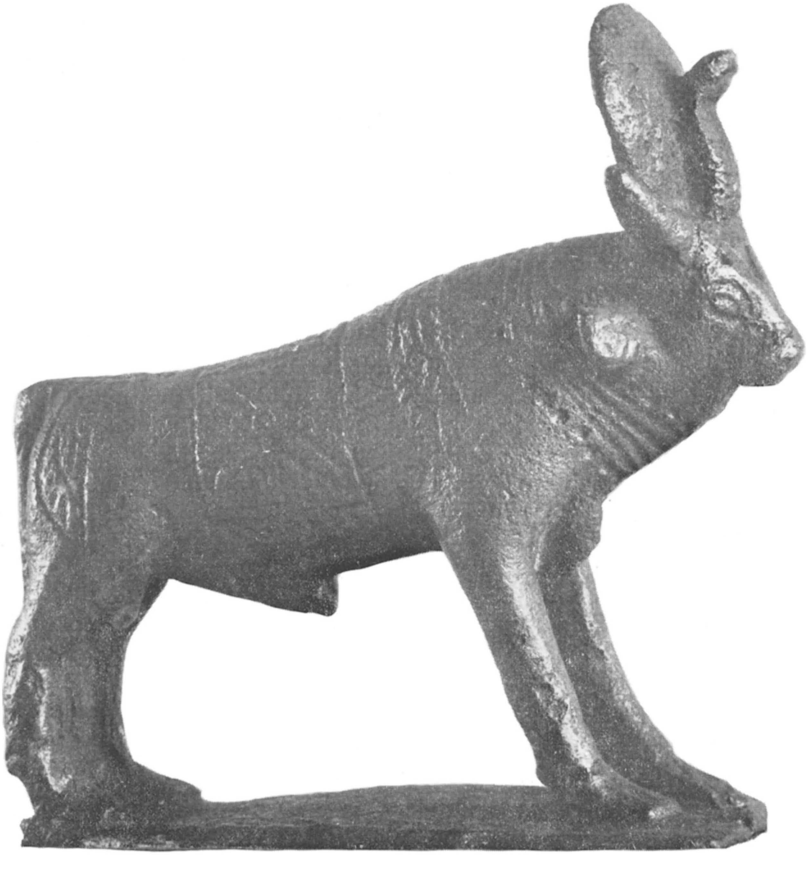

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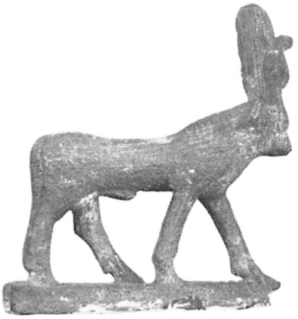

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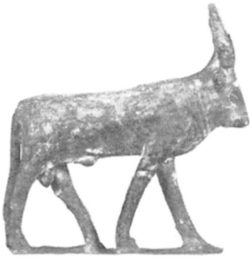

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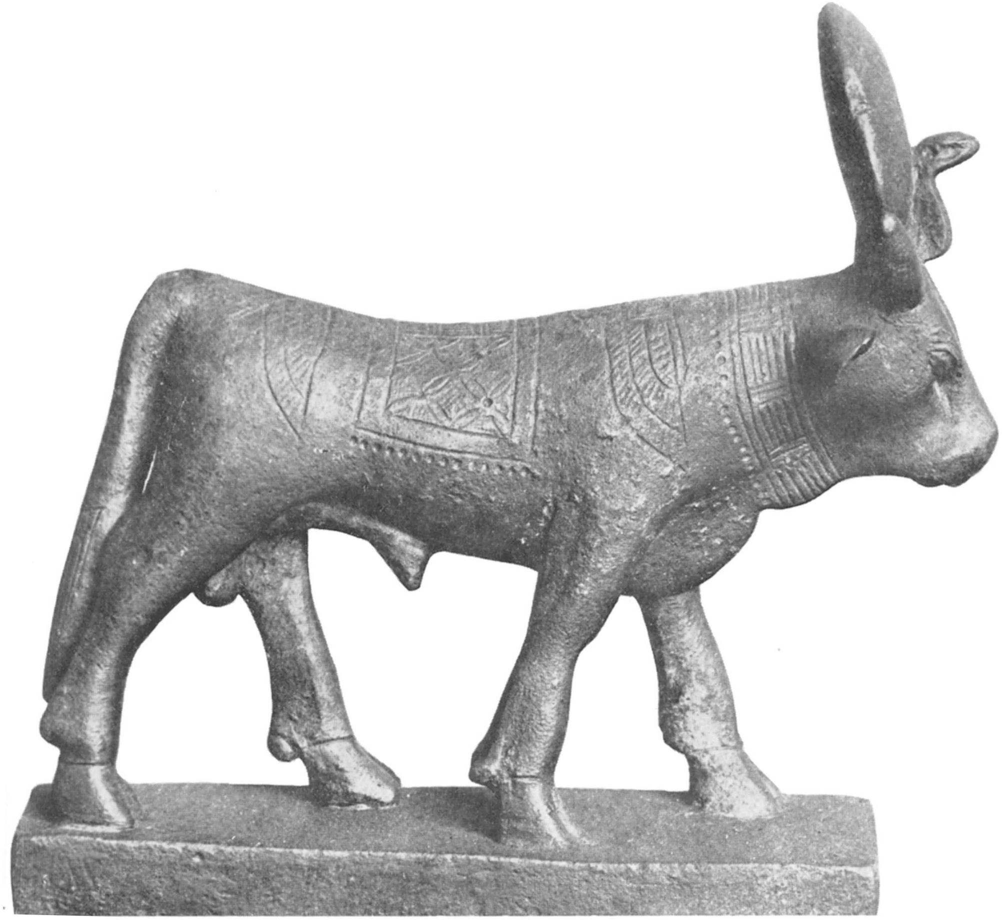

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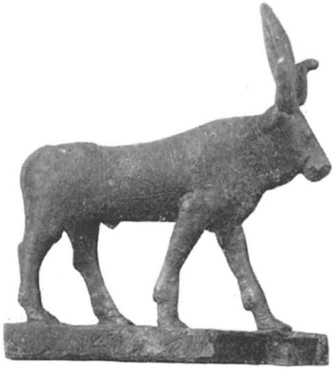

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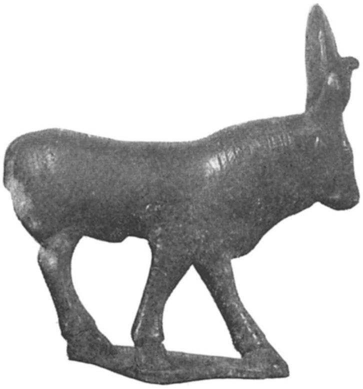

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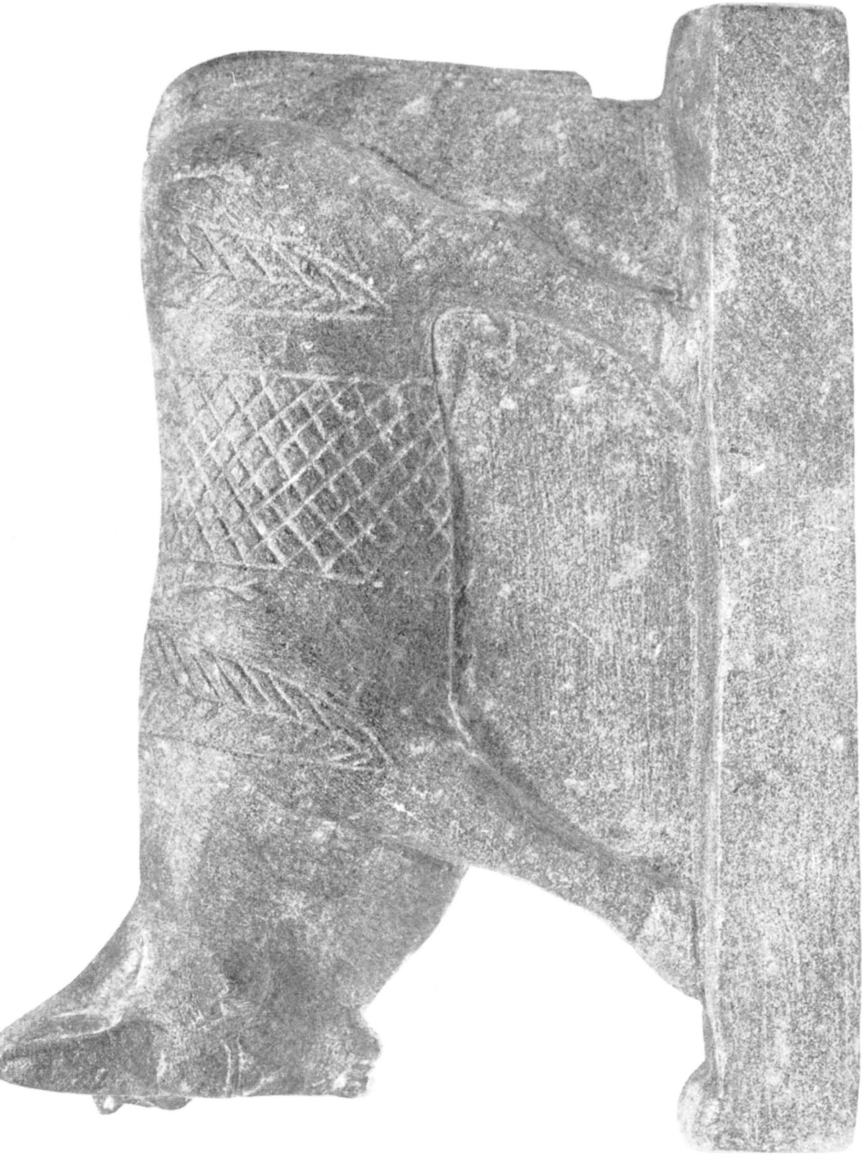

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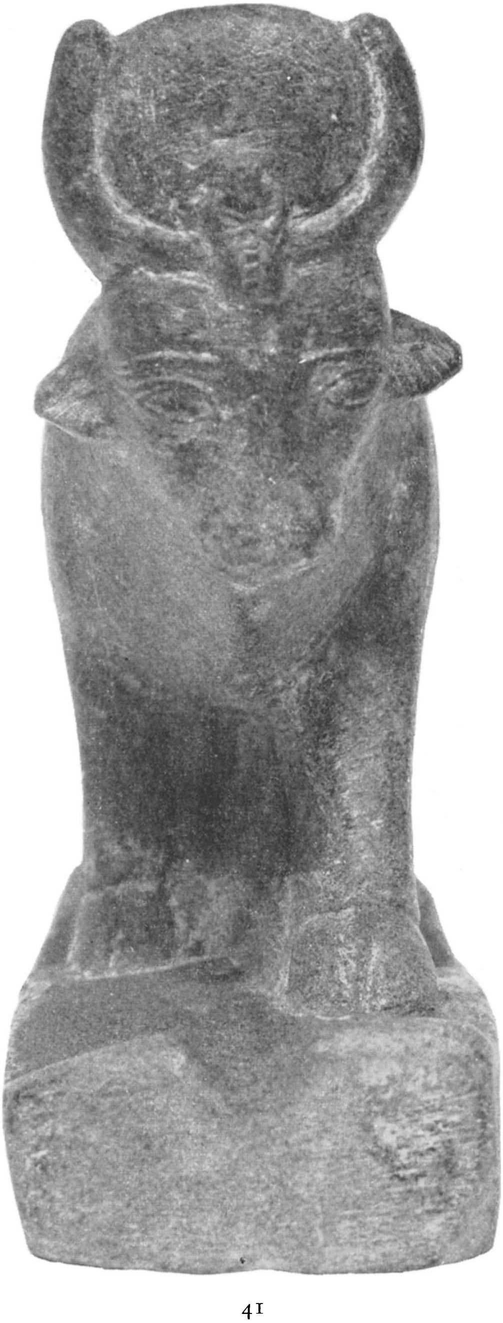

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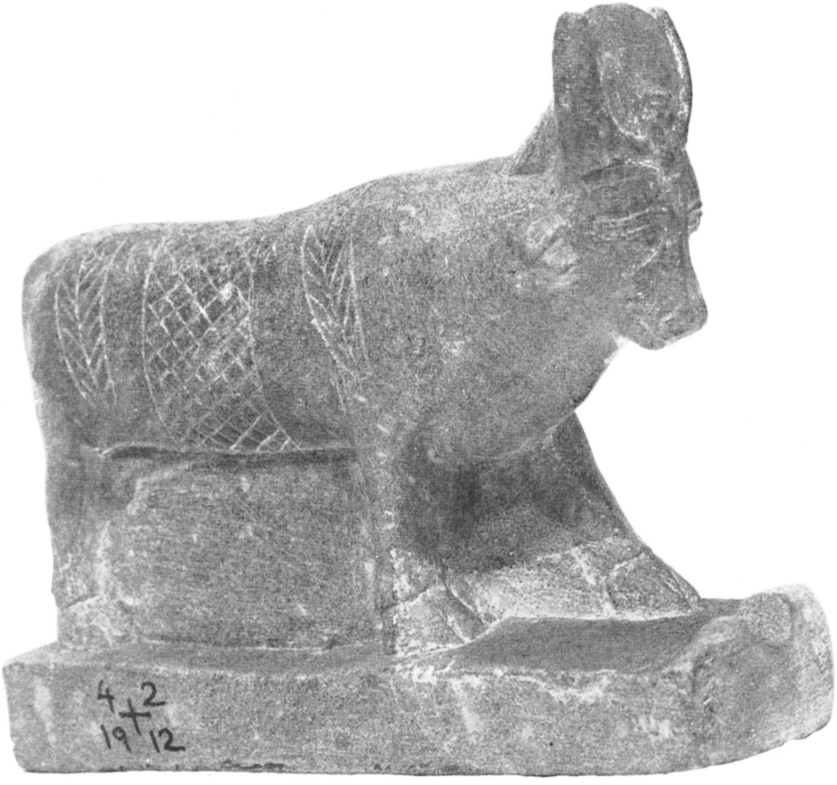
PLATE XXX



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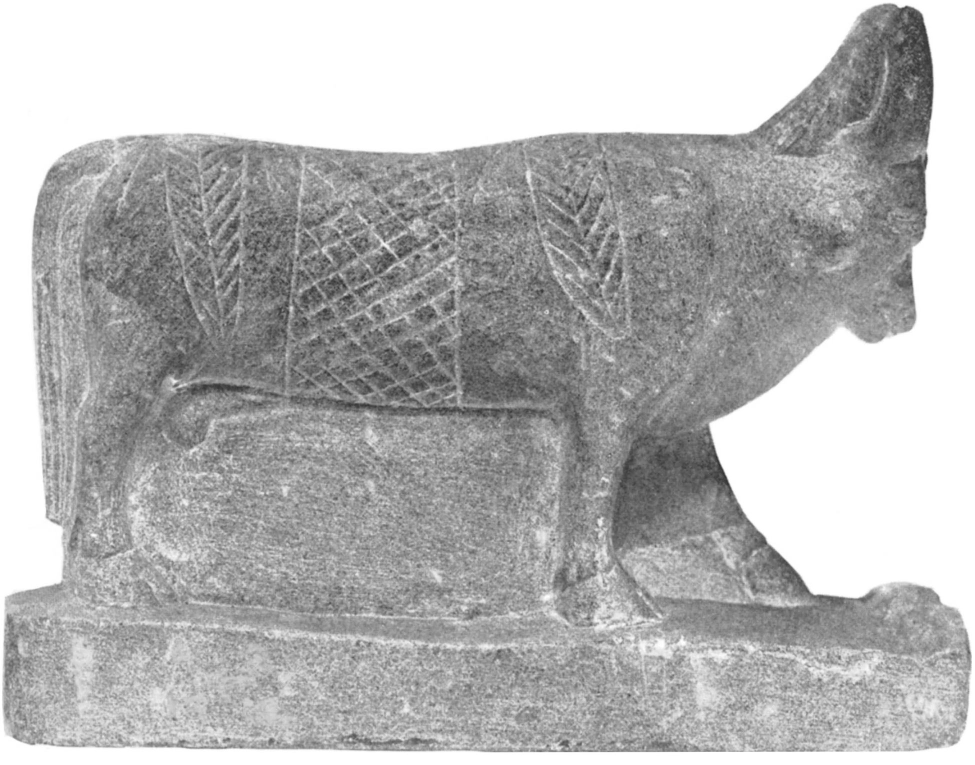

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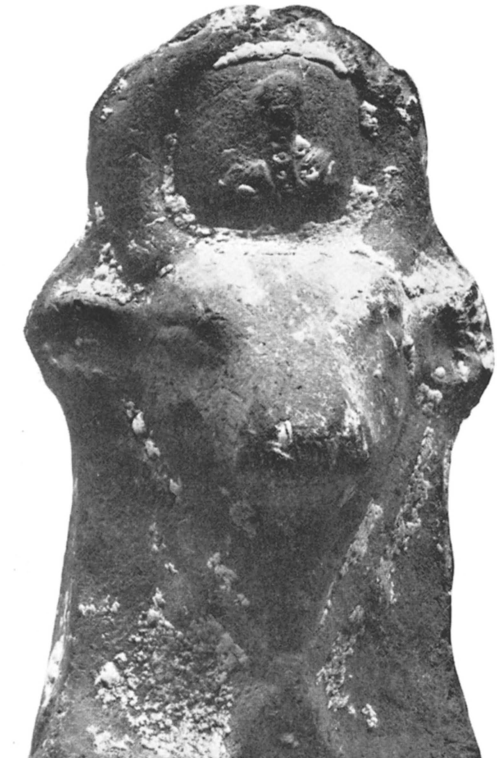

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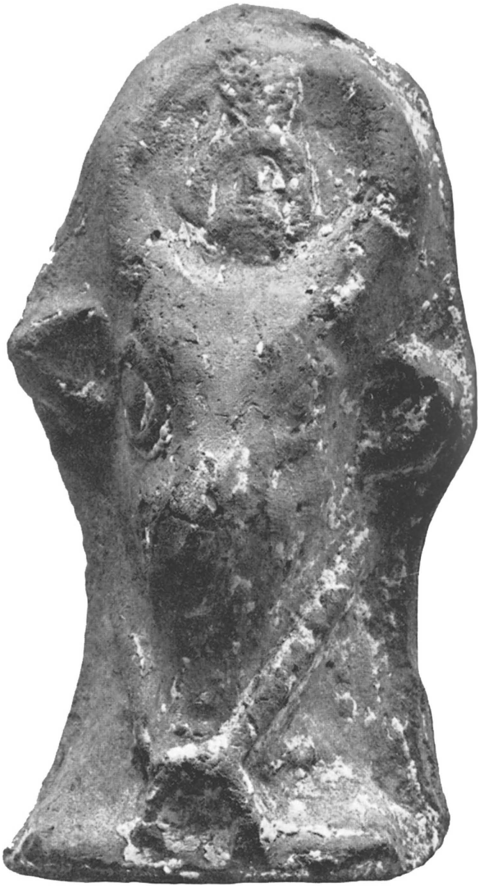

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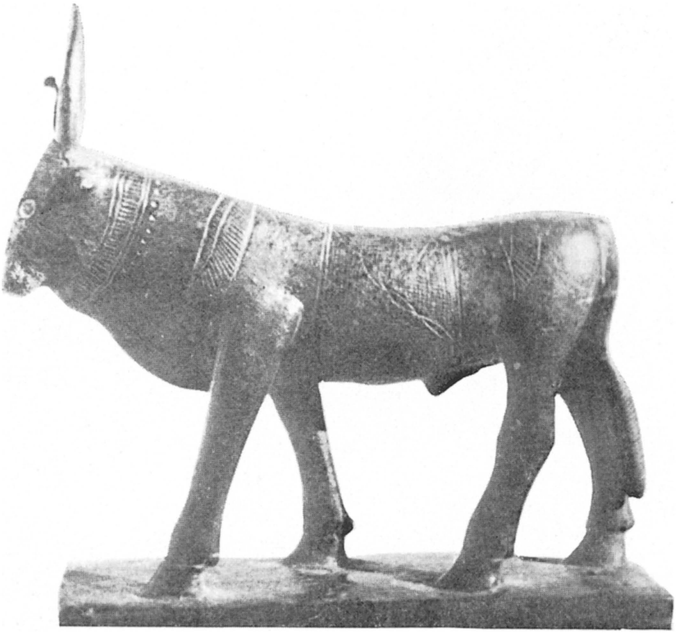

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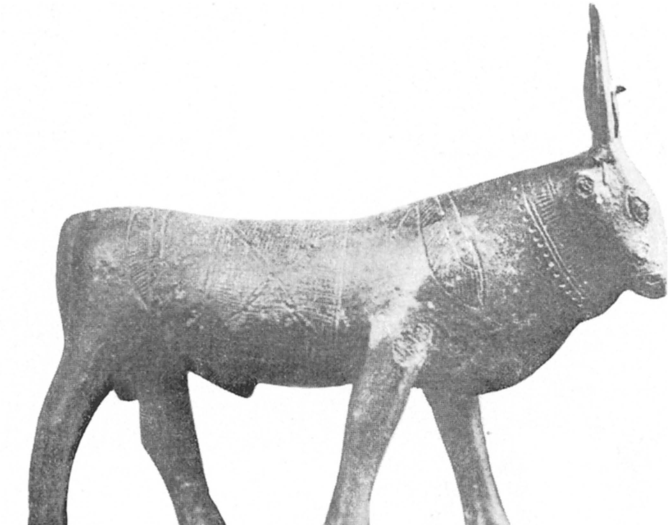

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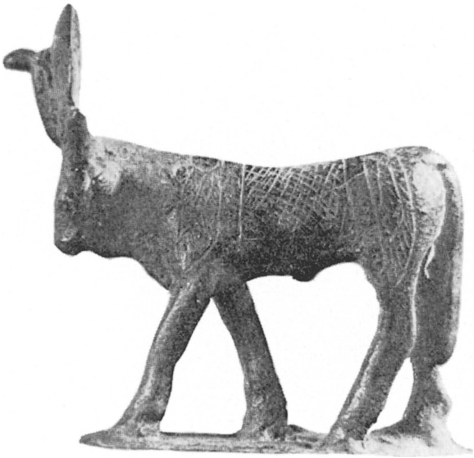

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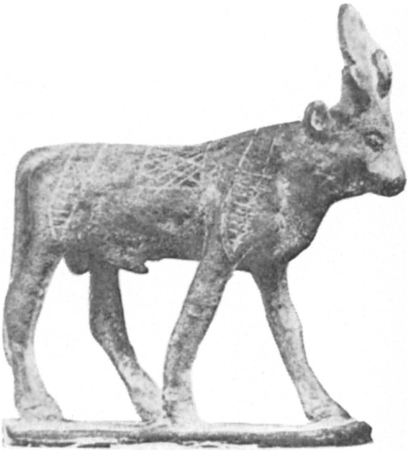

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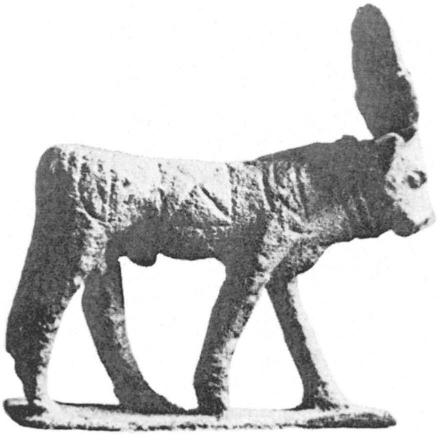

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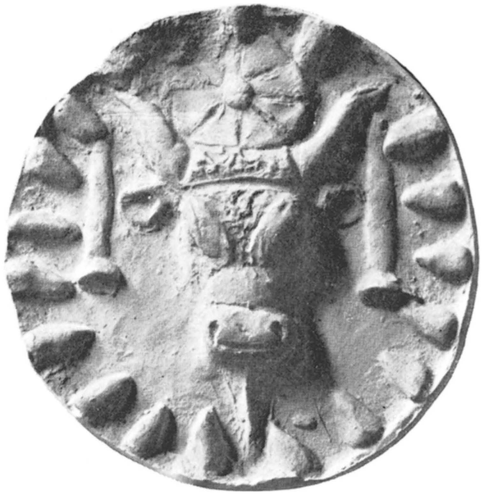

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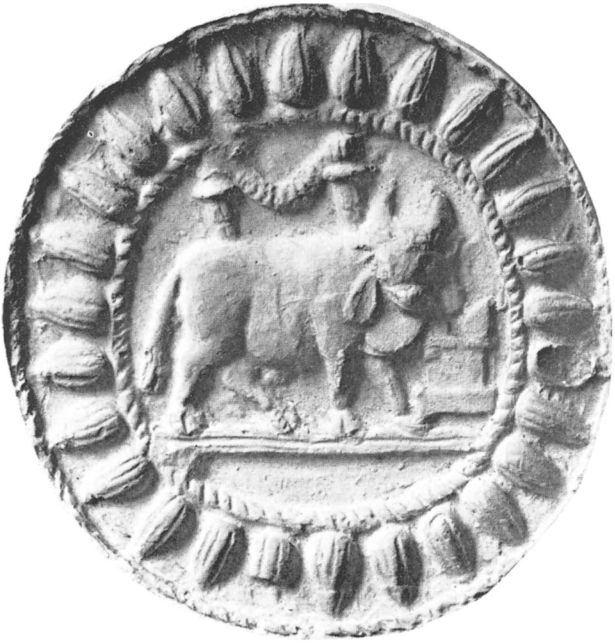

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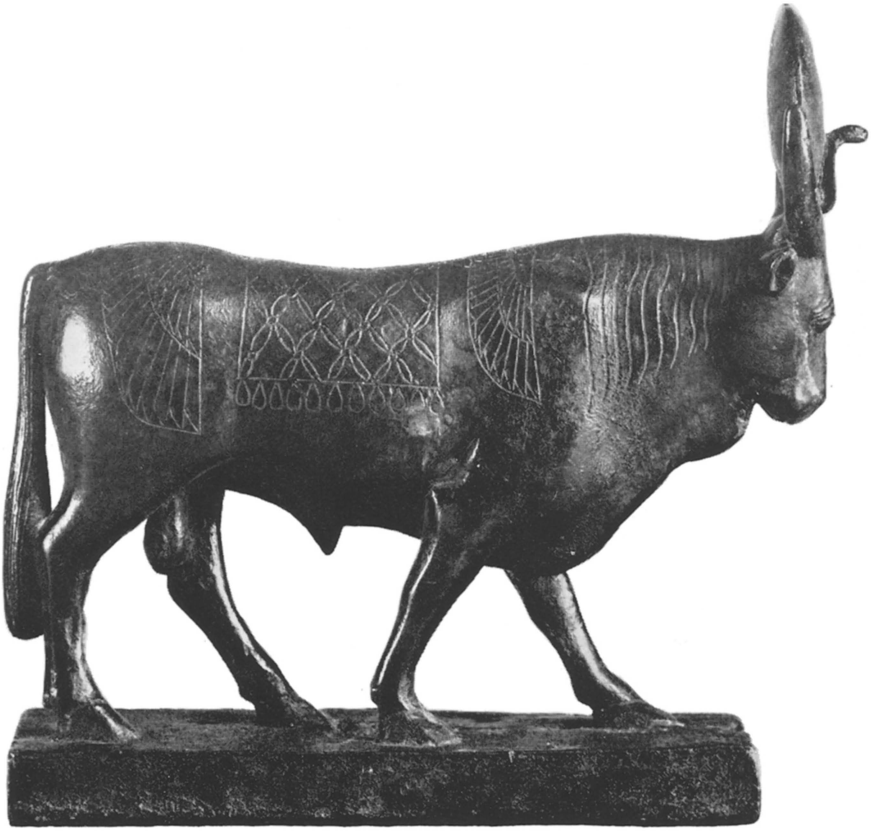

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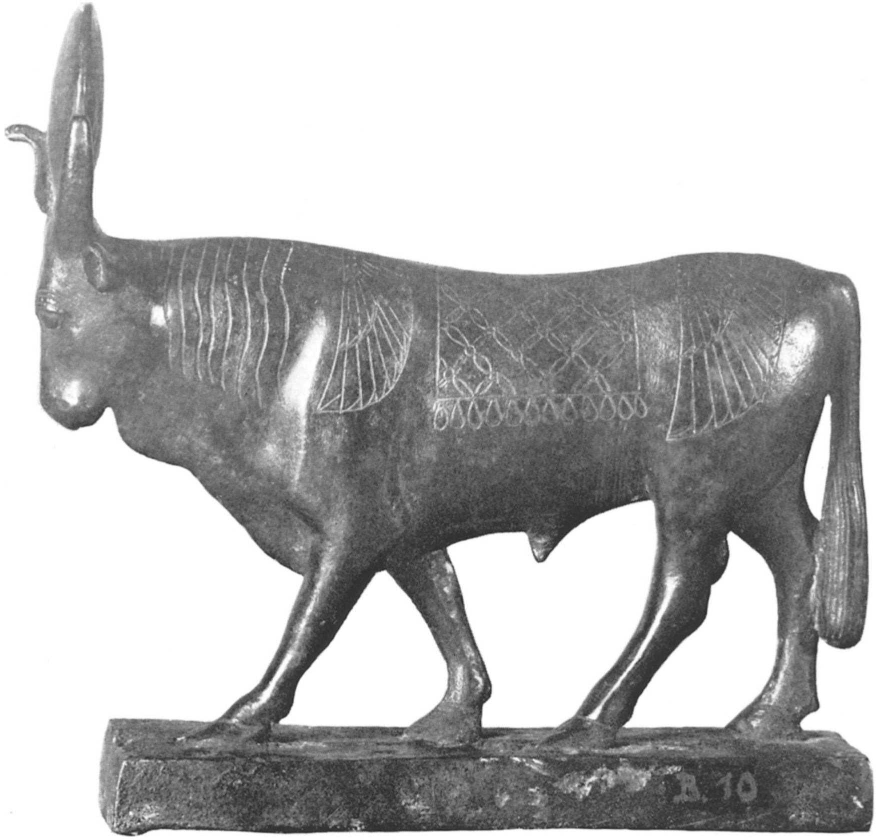

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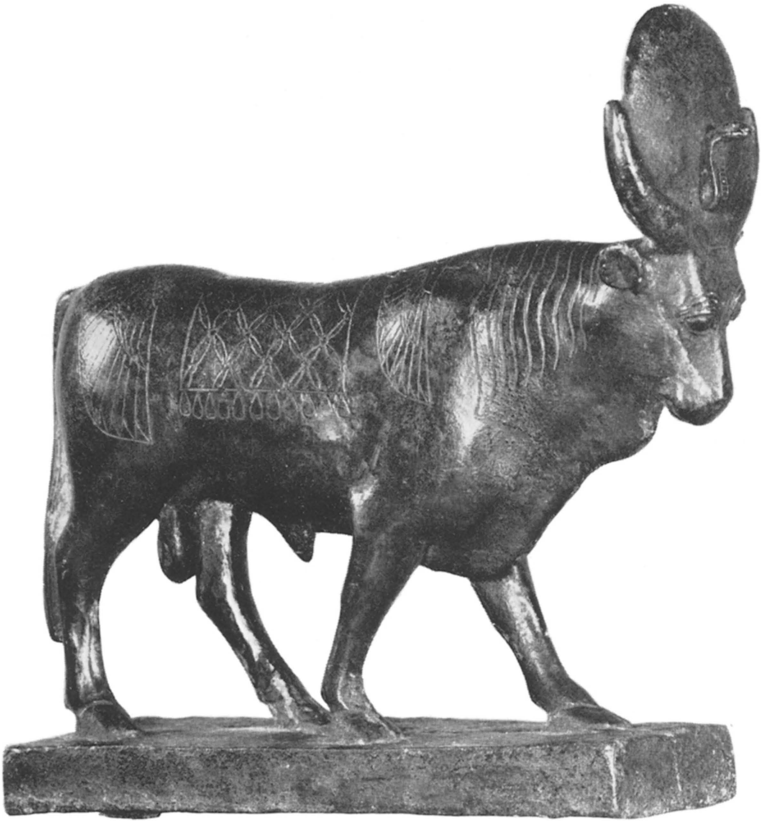

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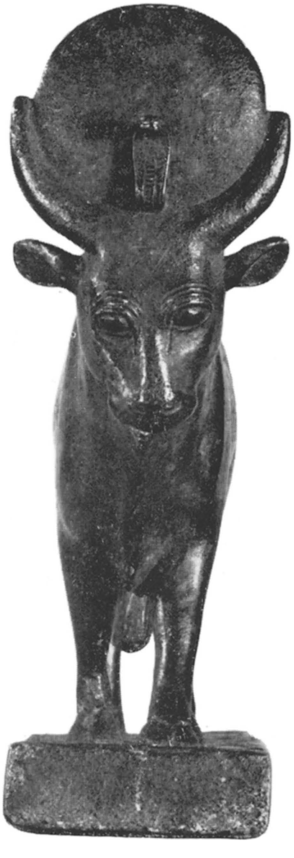

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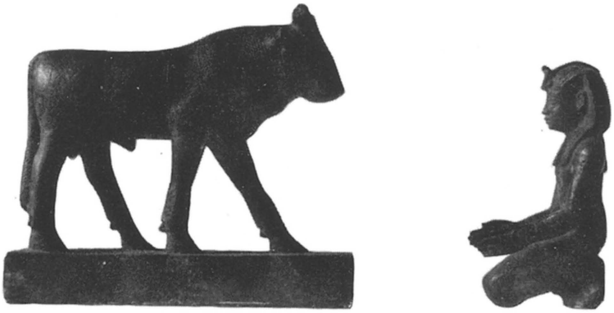
PLATE XL



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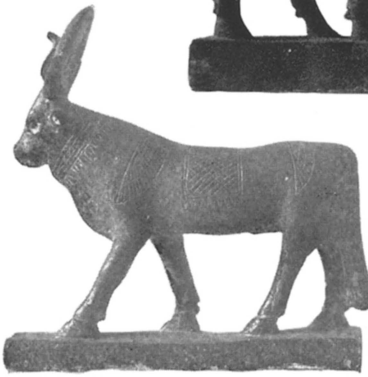

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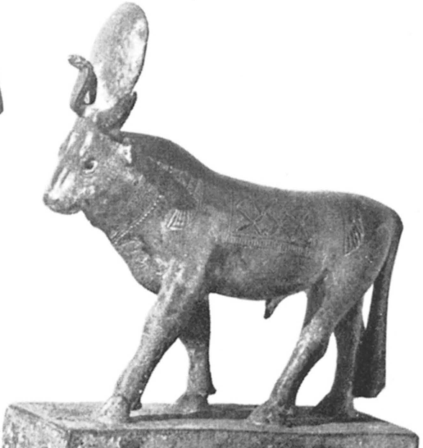

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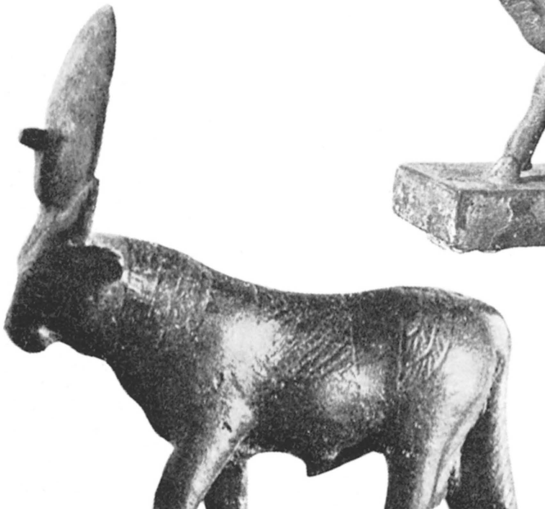

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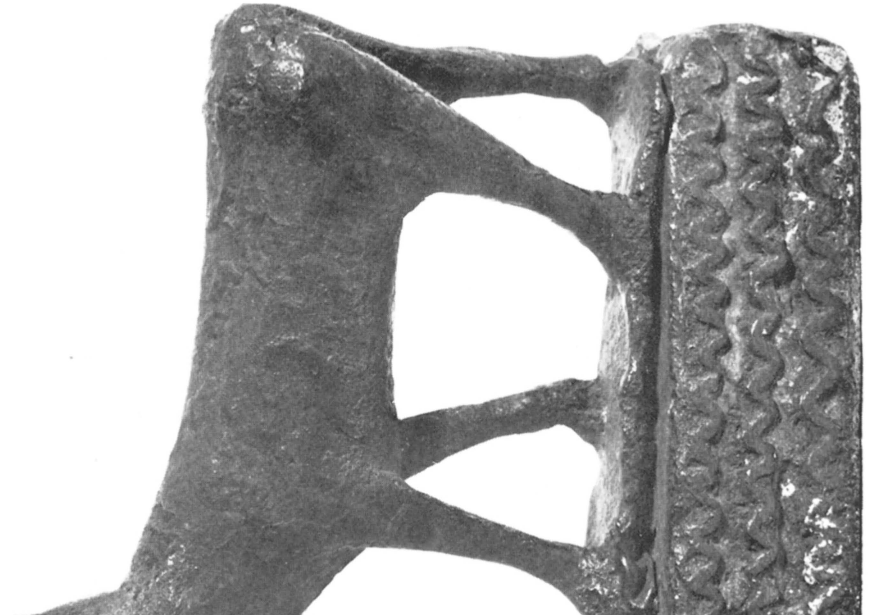

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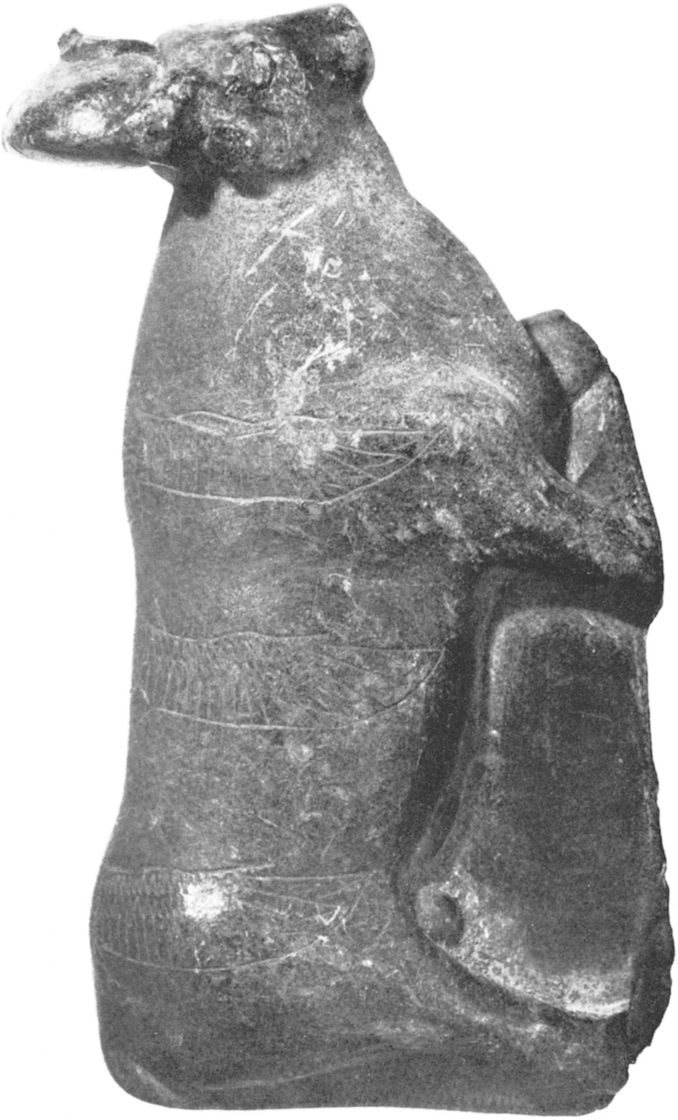

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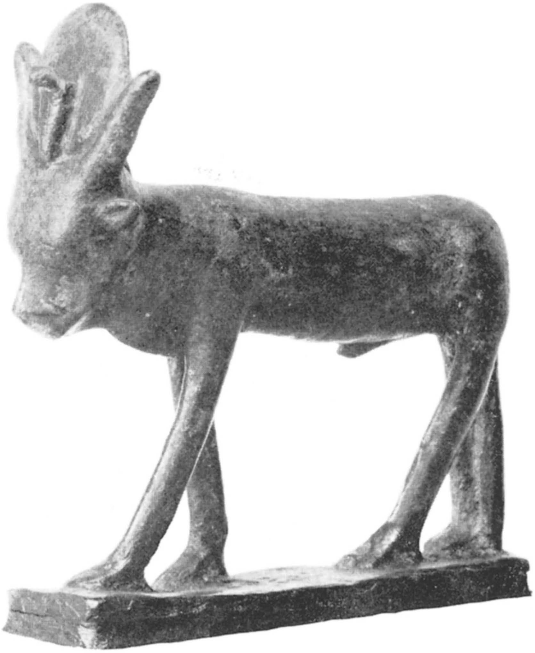

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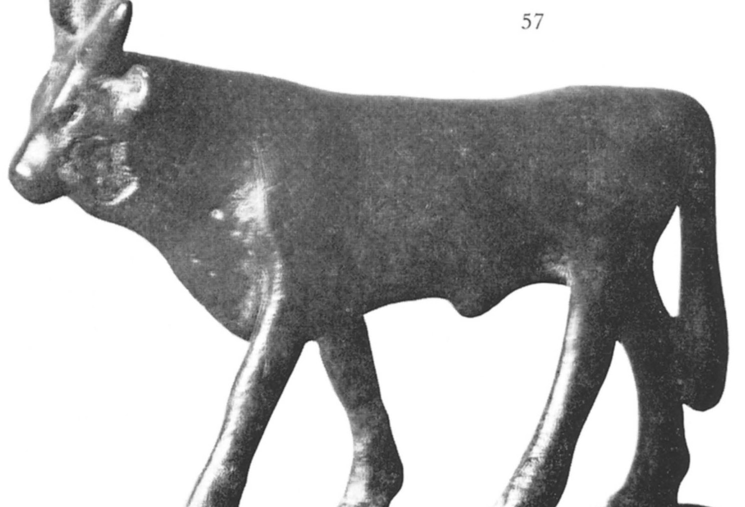

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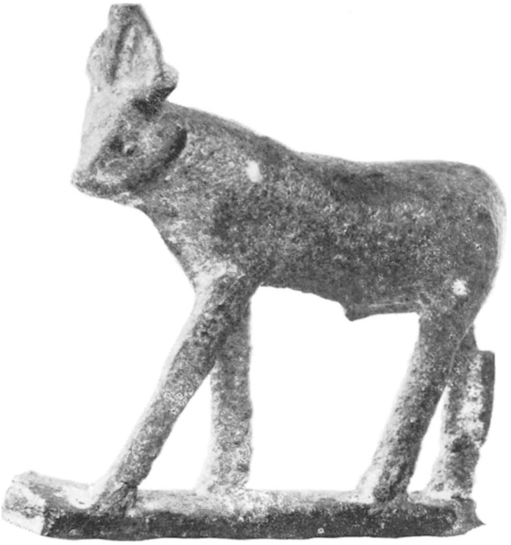

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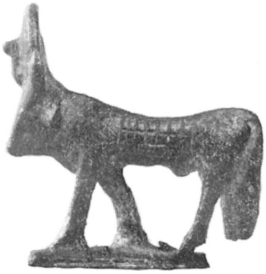

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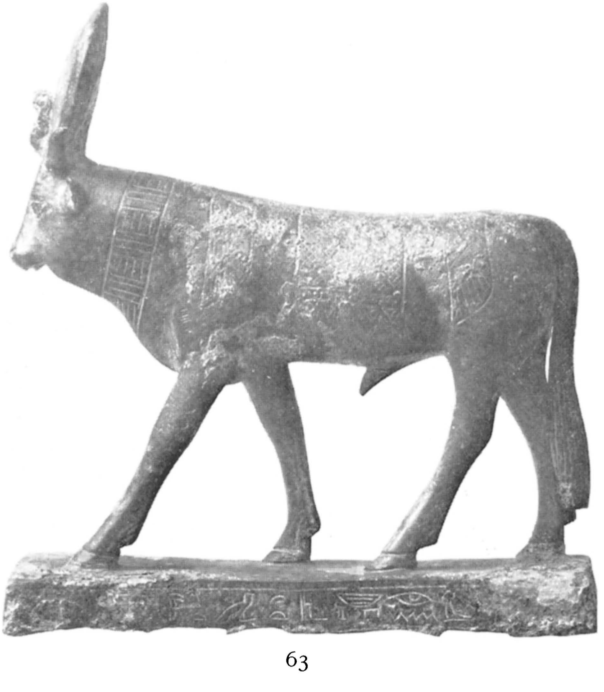

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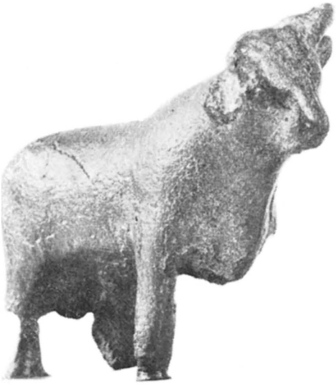

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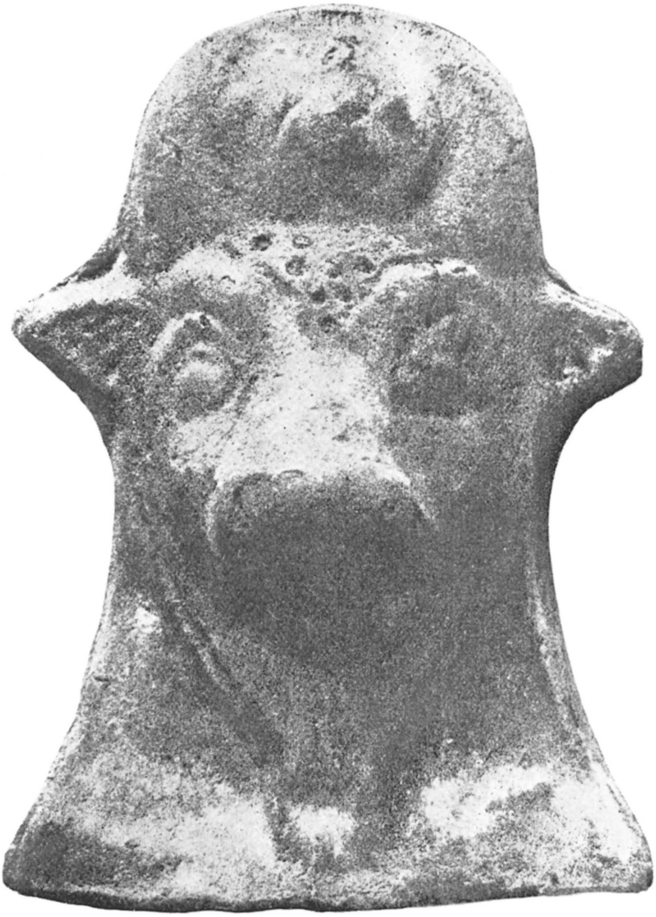

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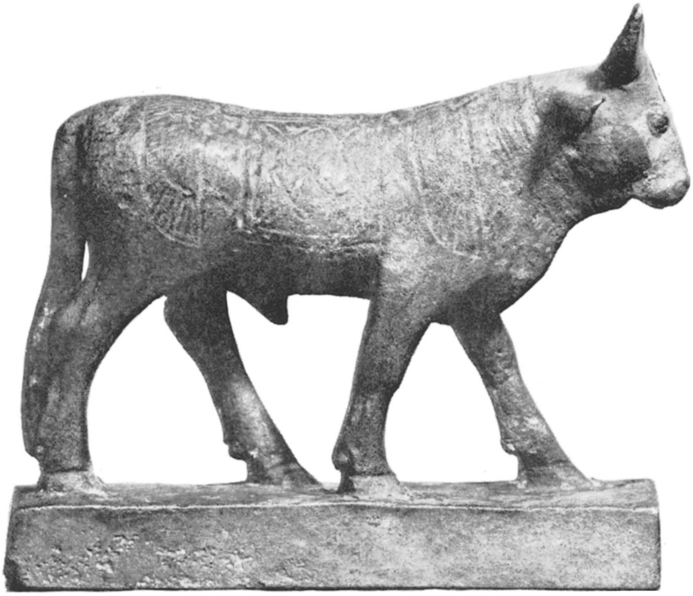

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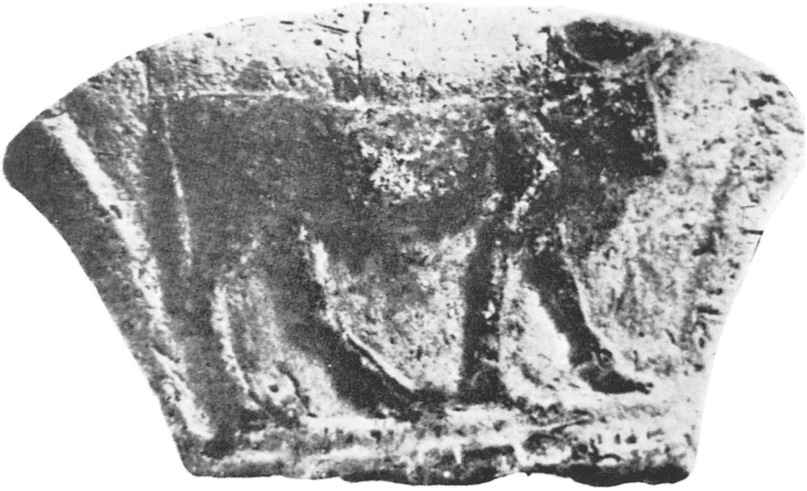

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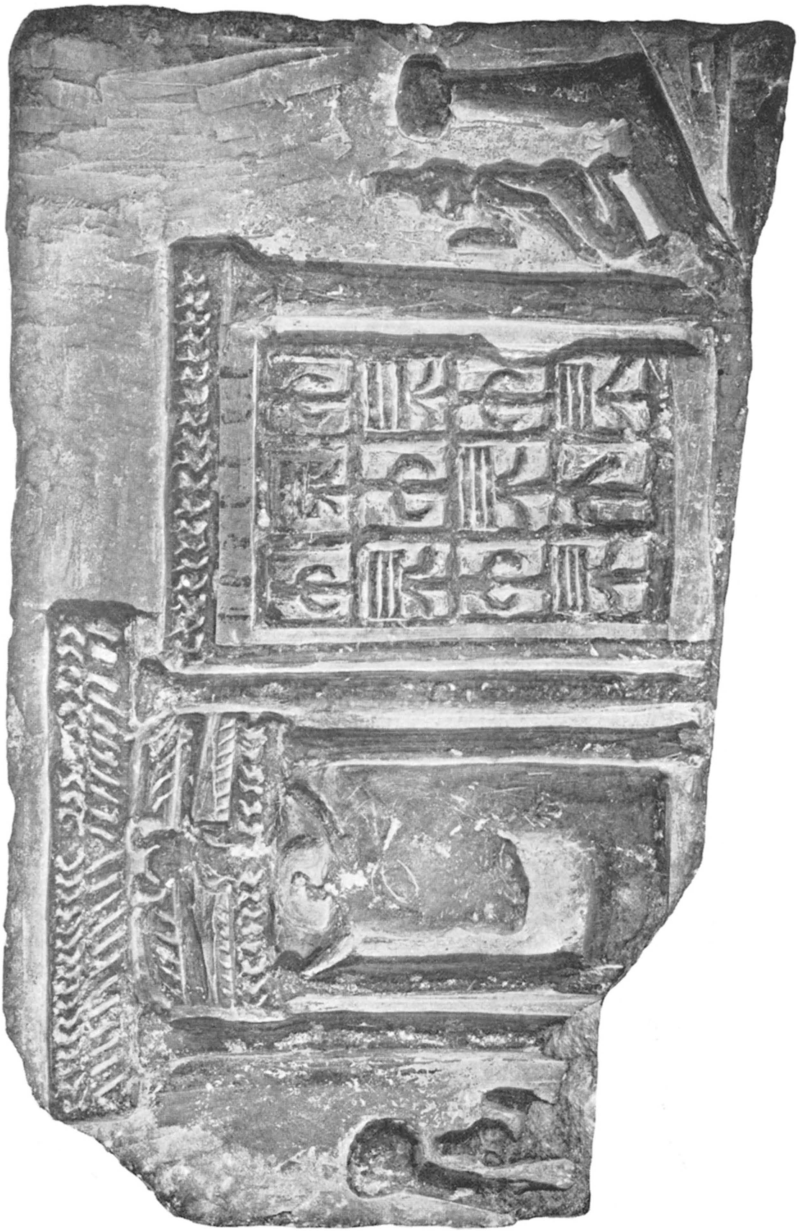
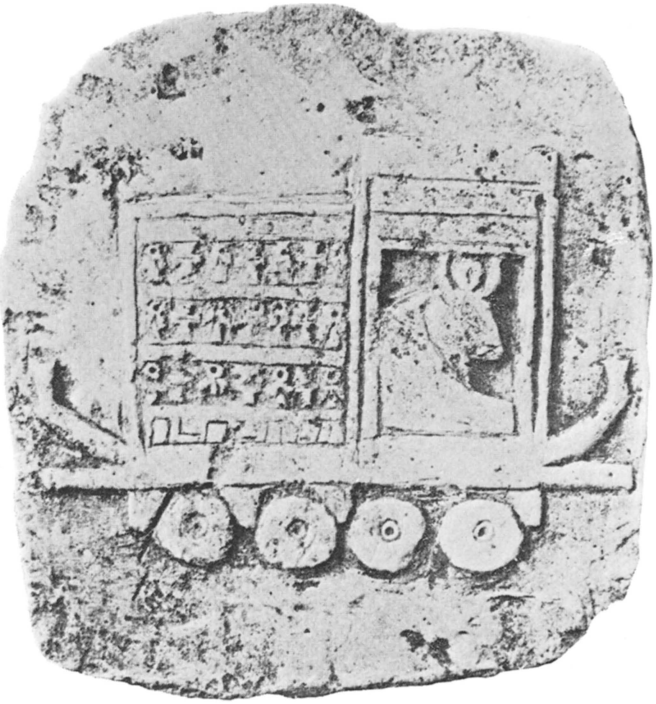
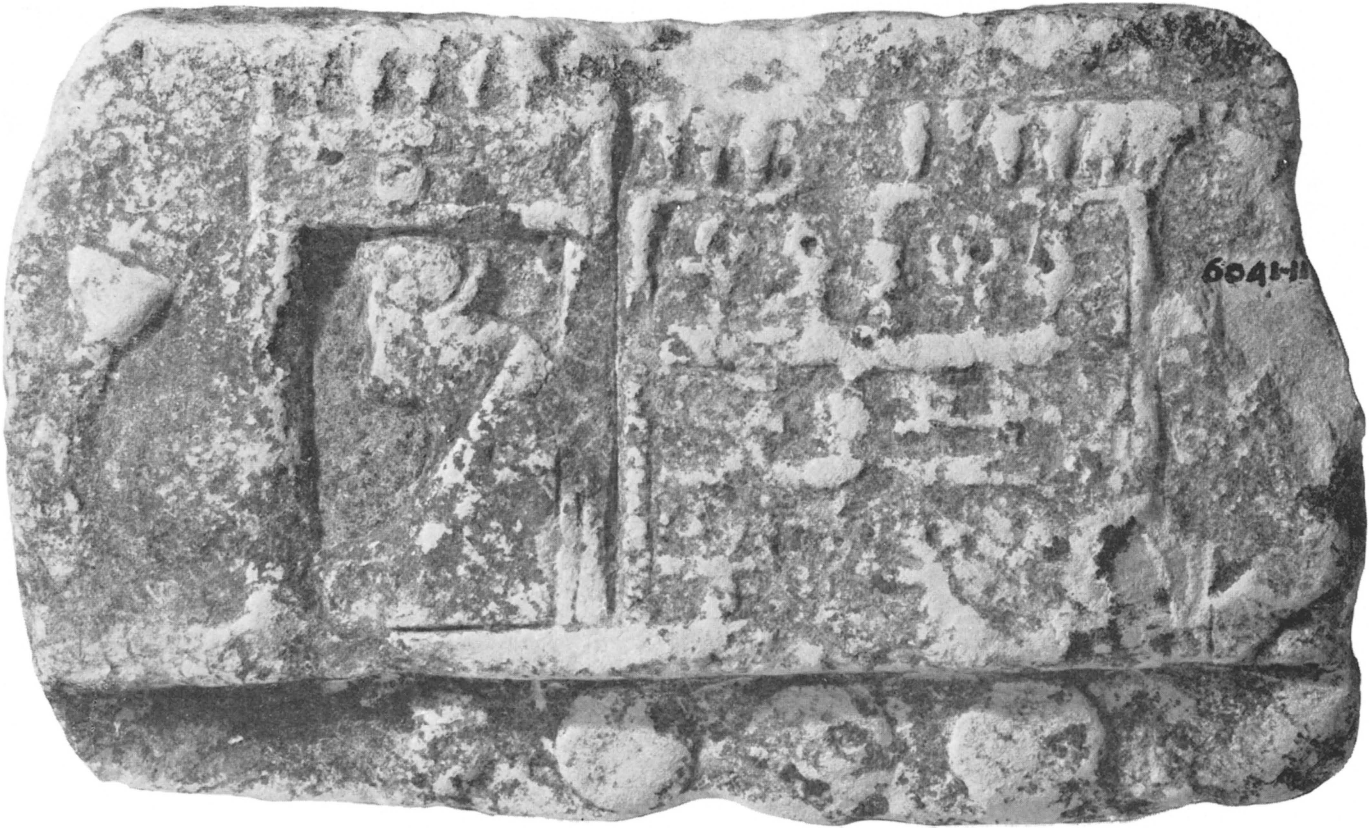


PLATE XLVIII





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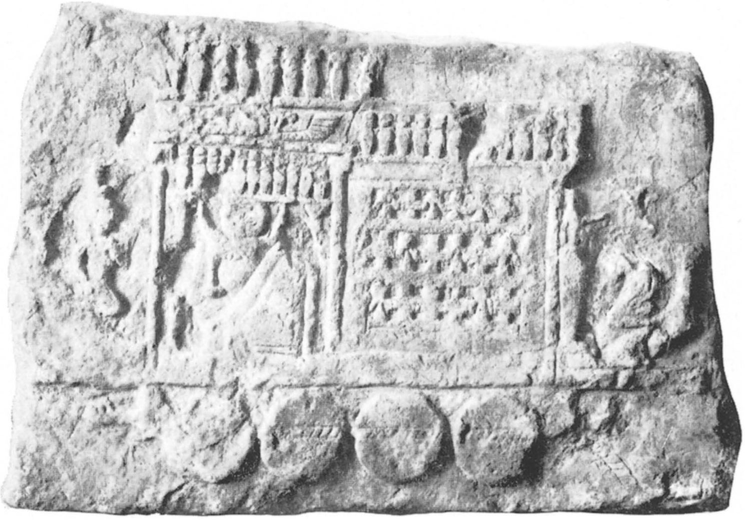

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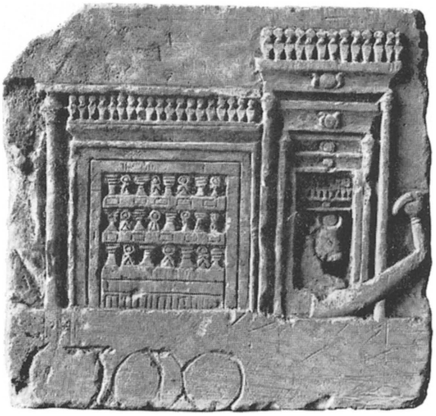

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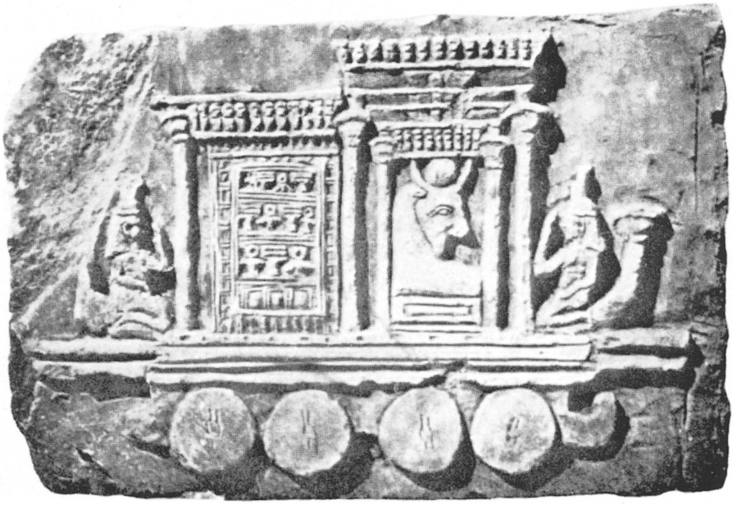

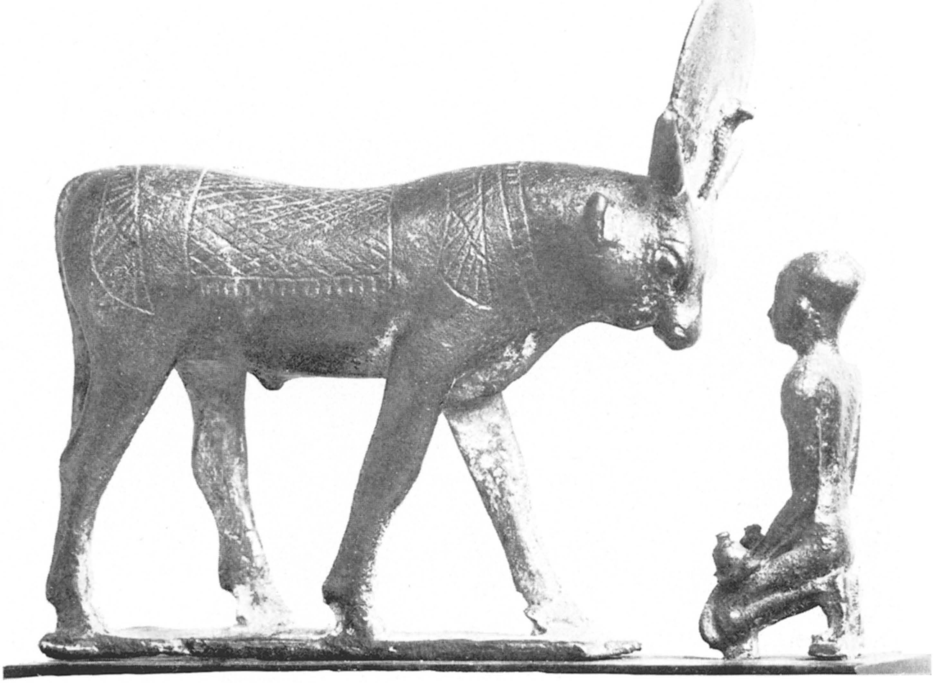

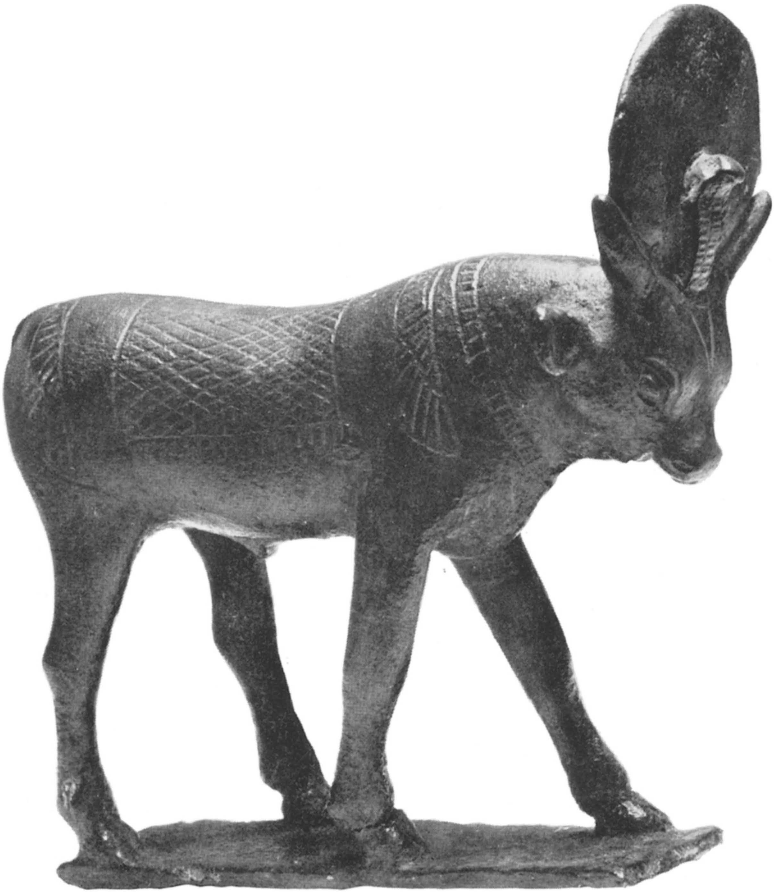

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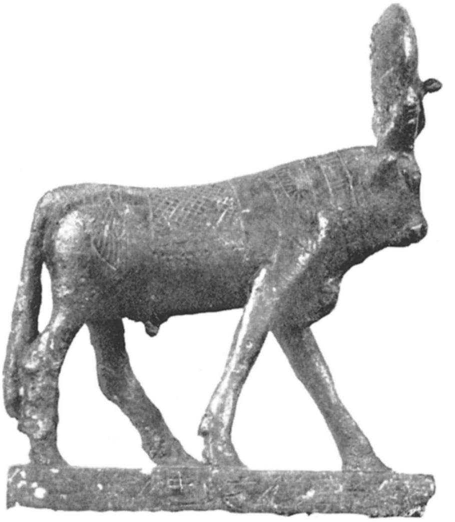

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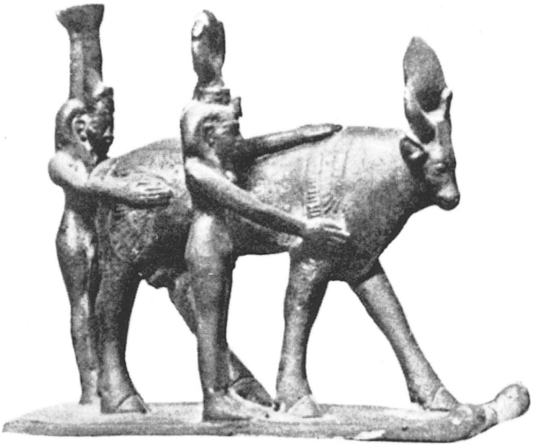

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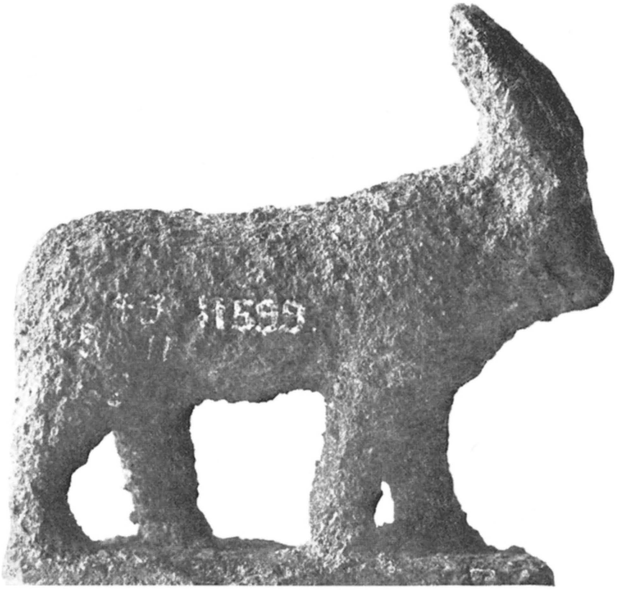

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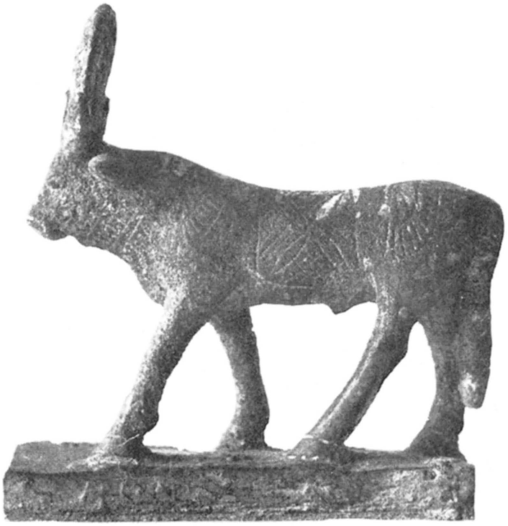

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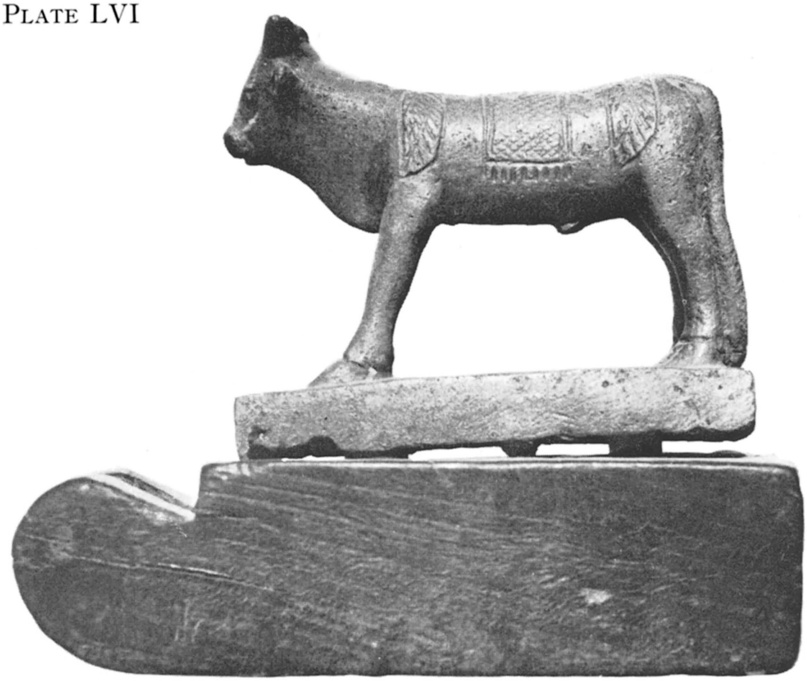

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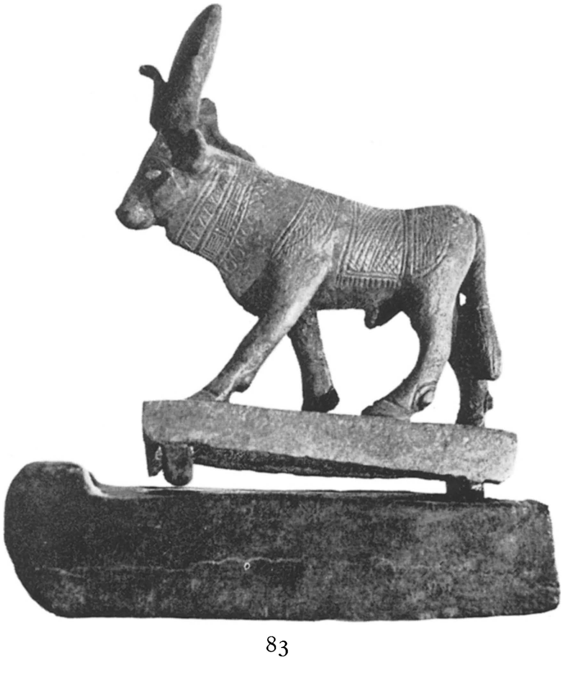

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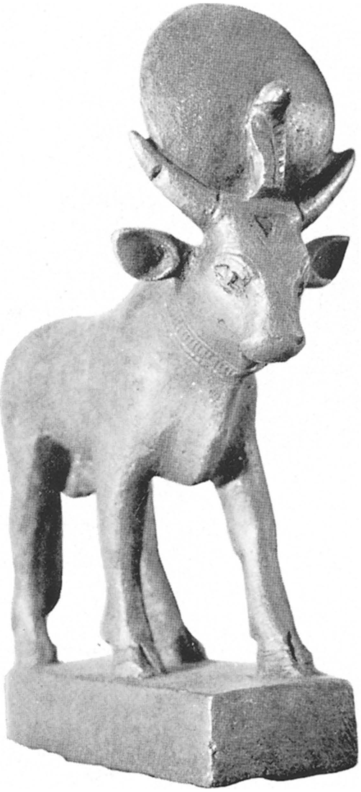

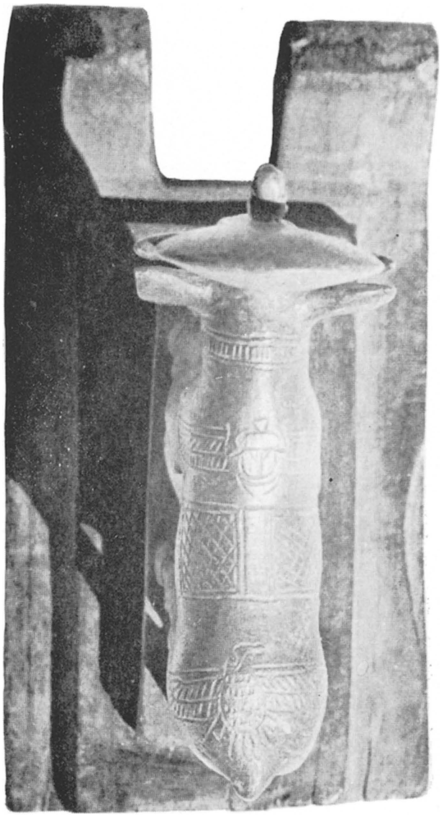

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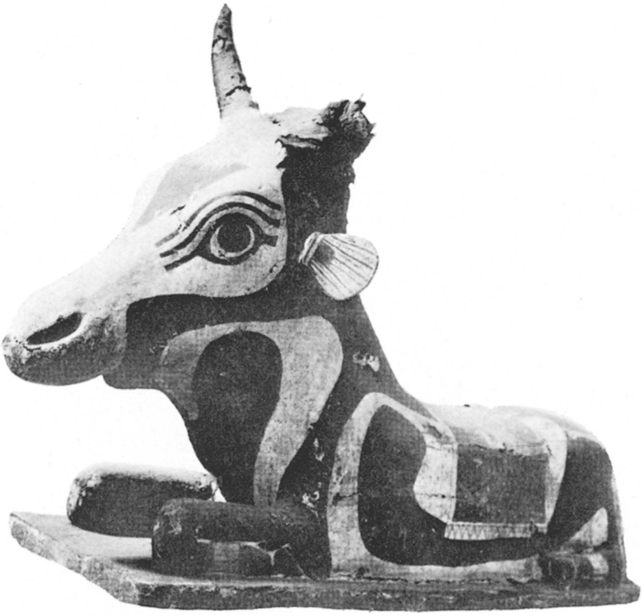

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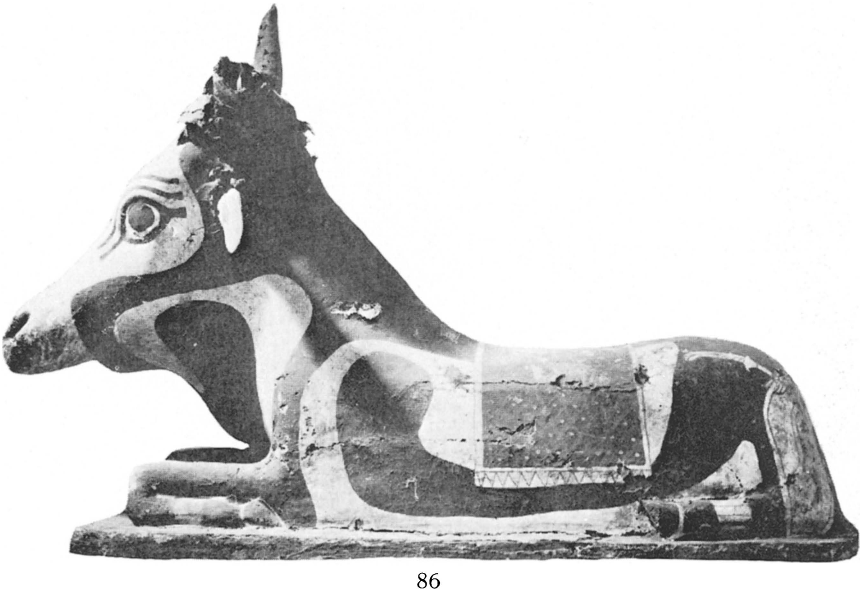

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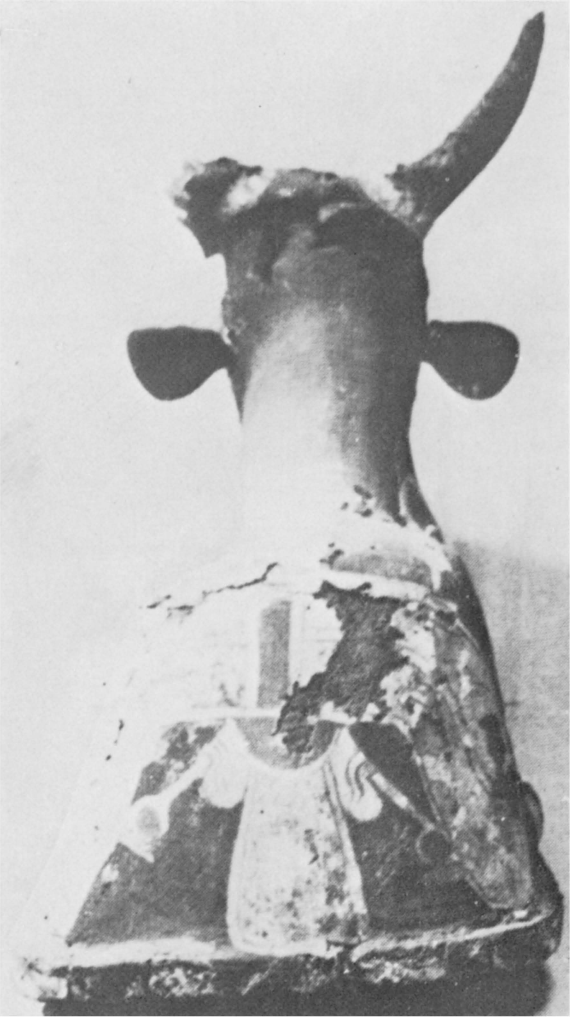

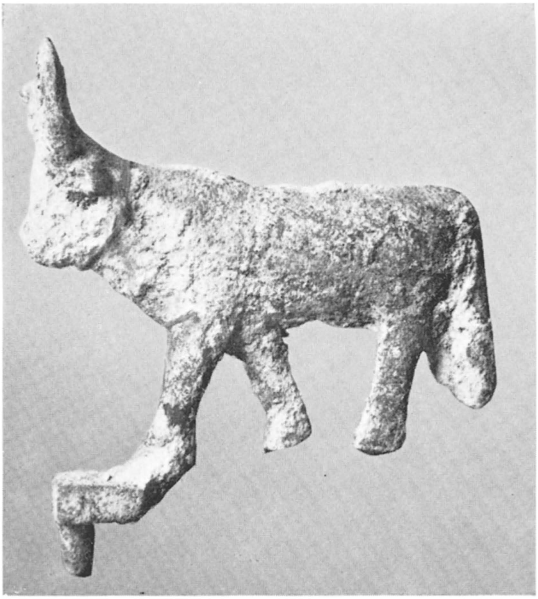

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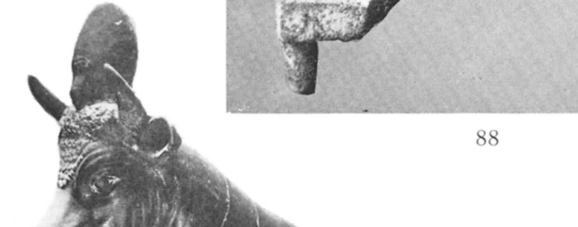

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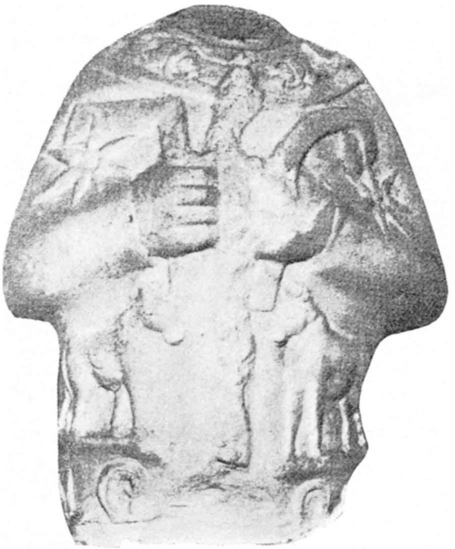

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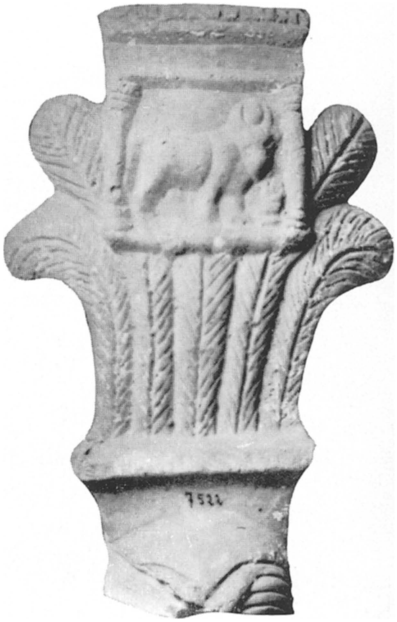

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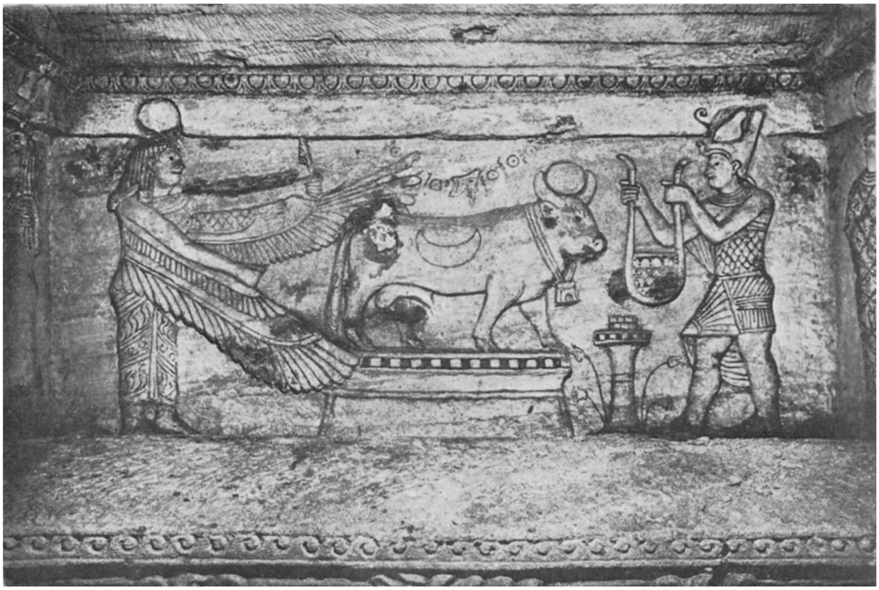

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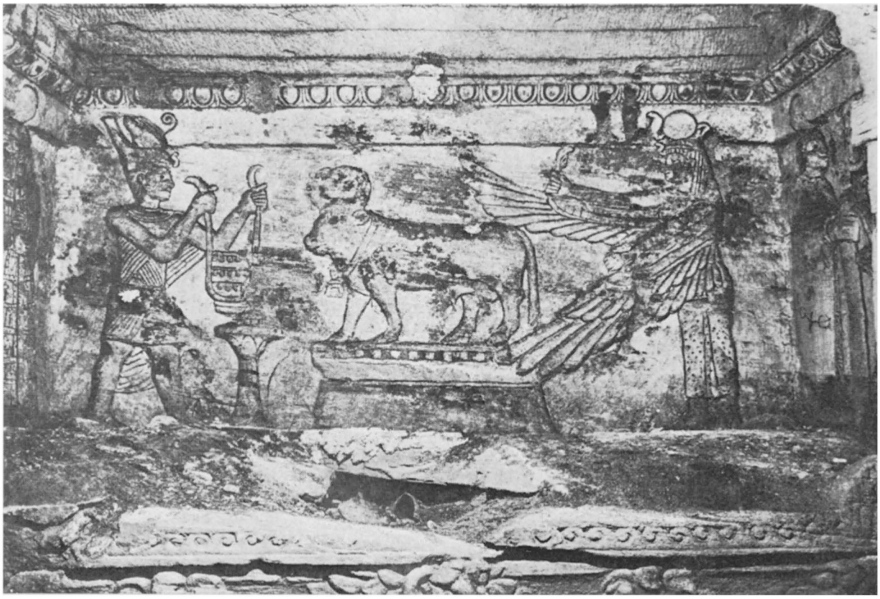

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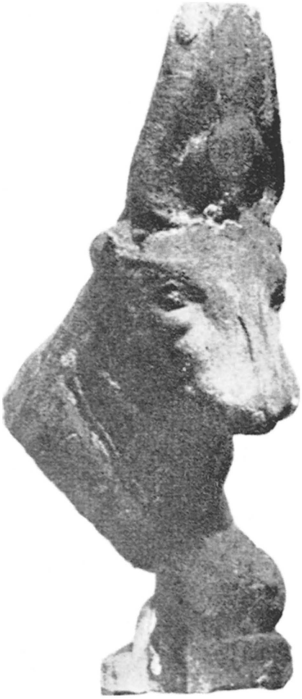

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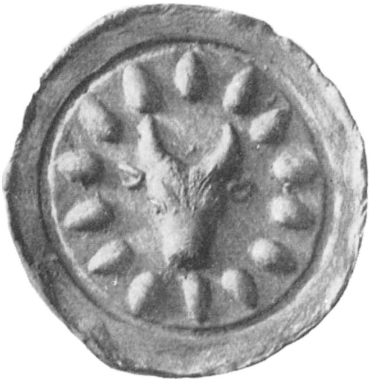

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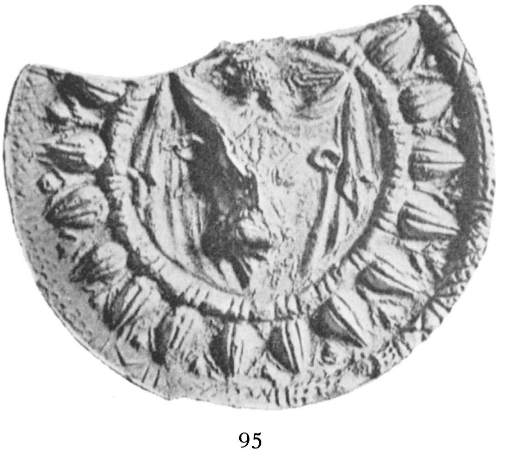

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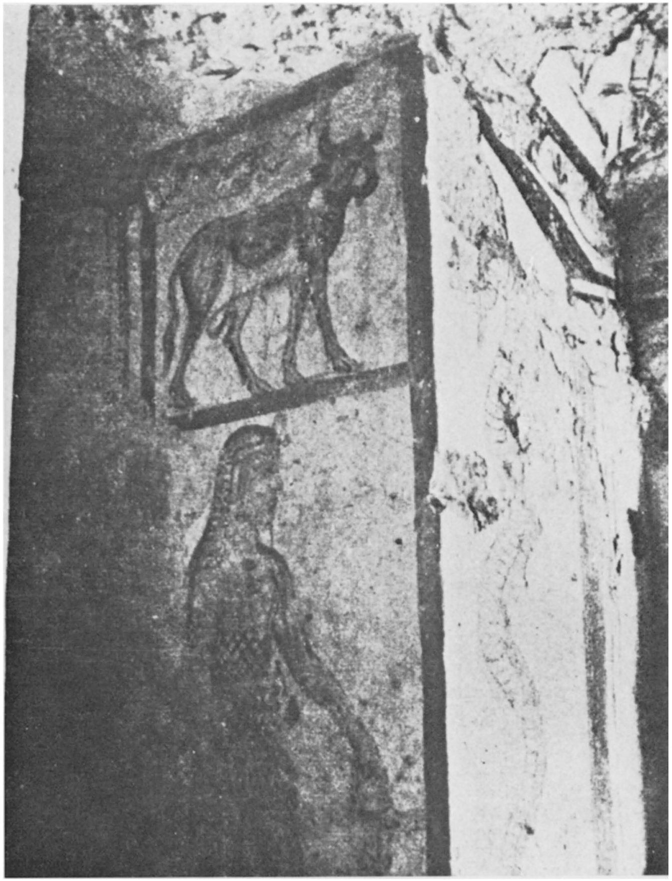

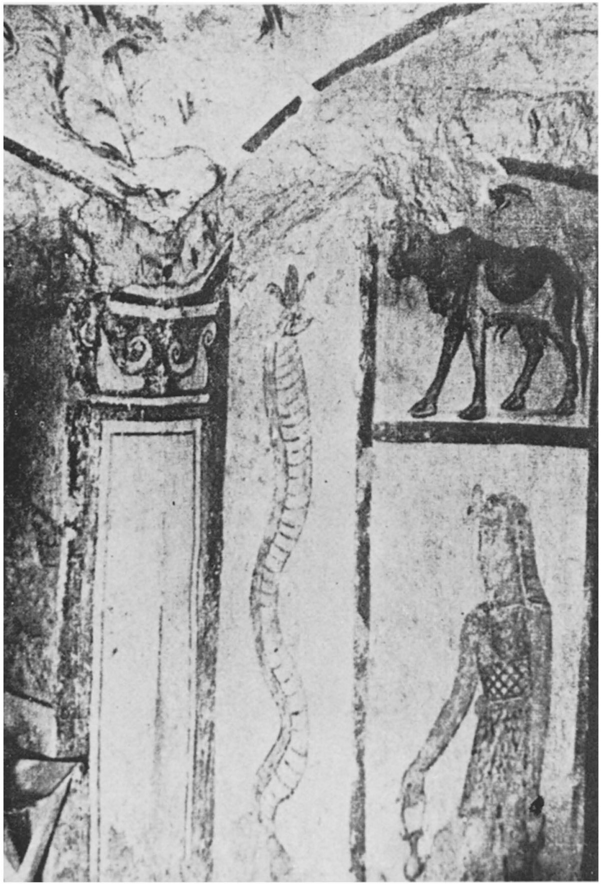

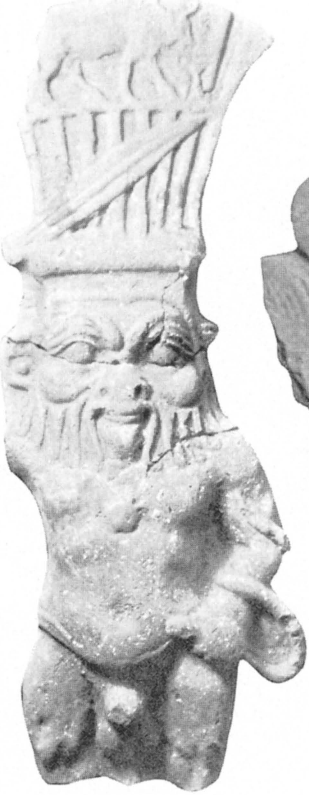

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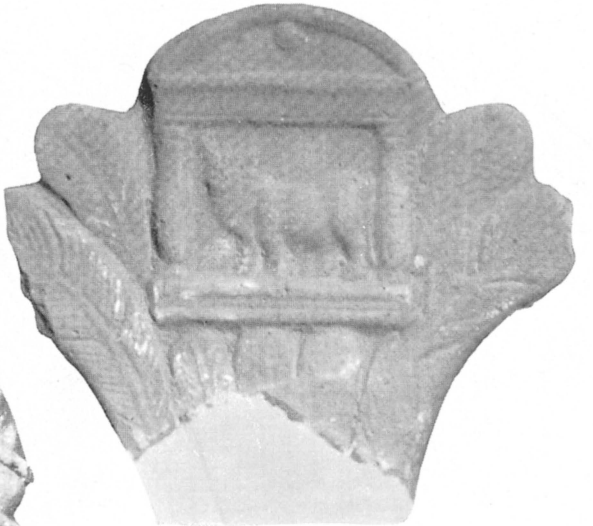

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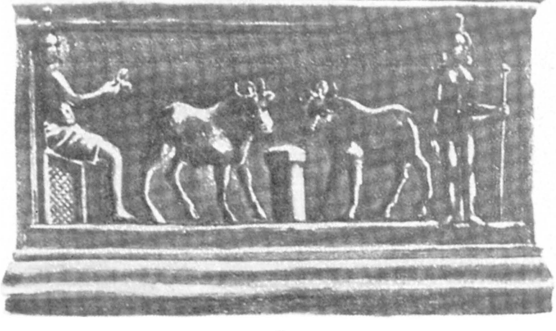

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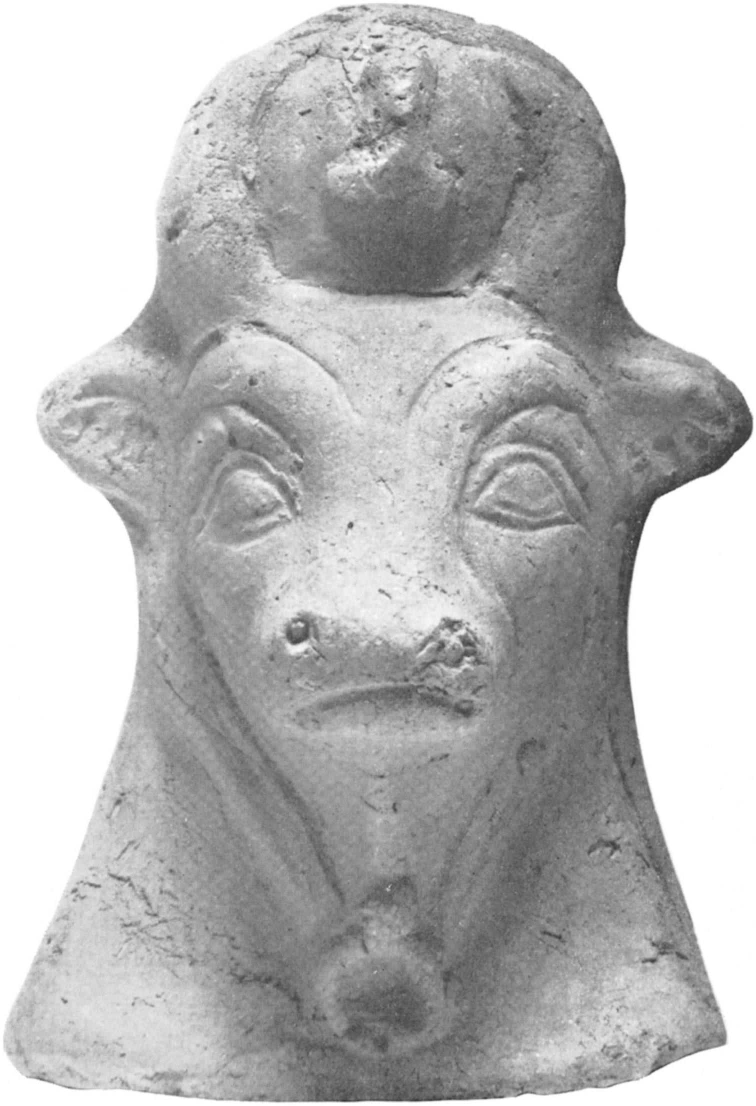

PLATE LXVII

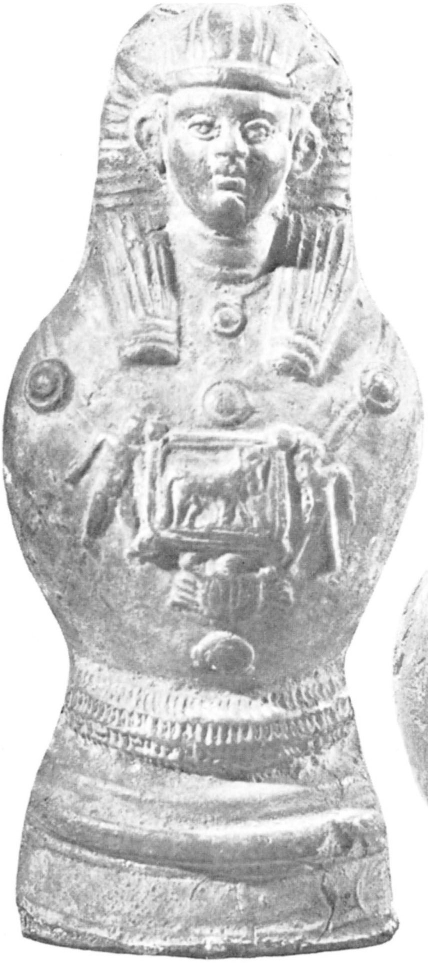

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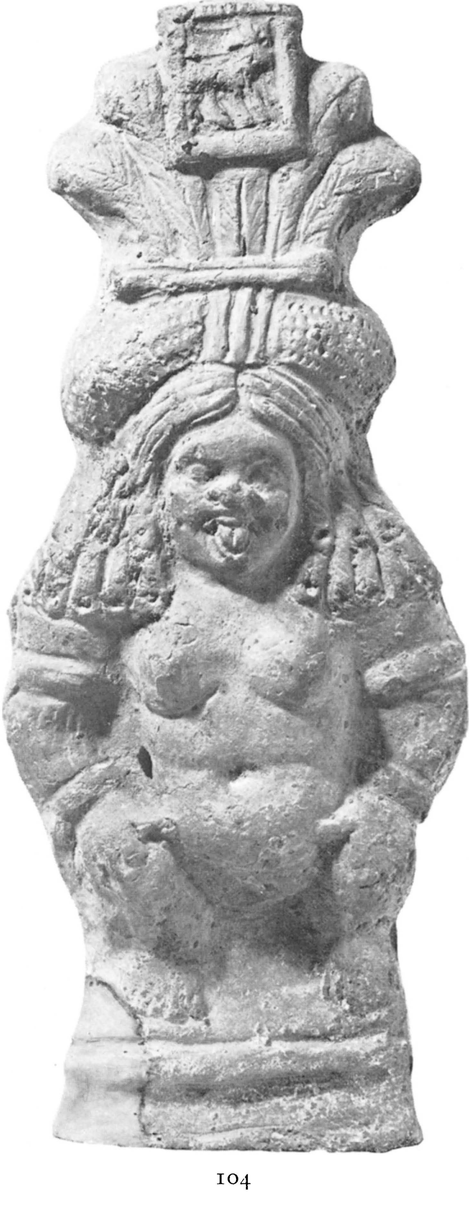
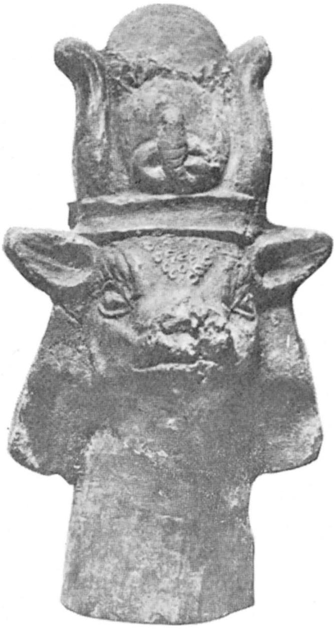
PLATE LXVIII





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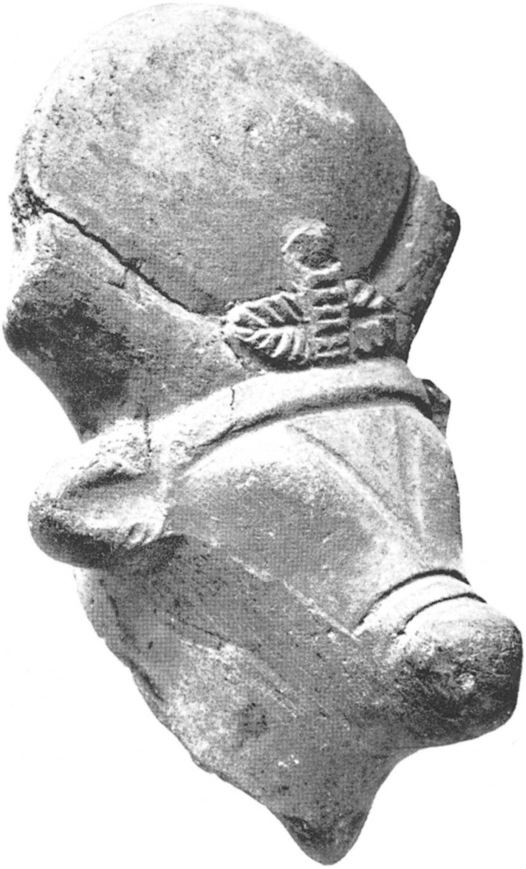

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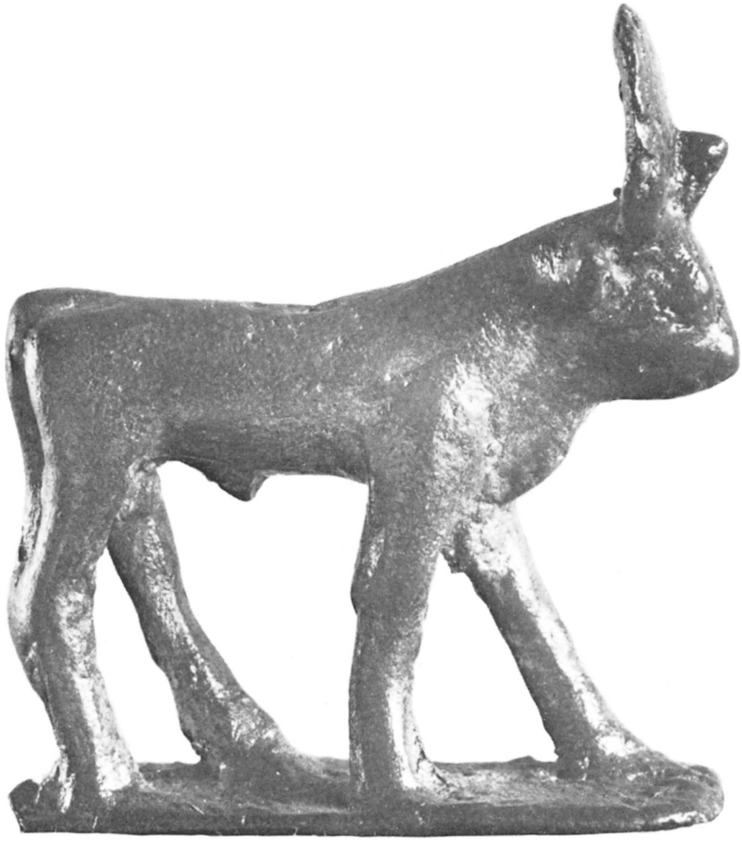

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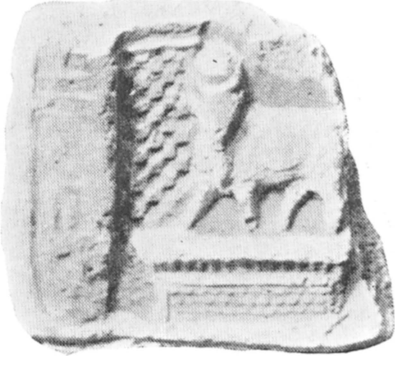

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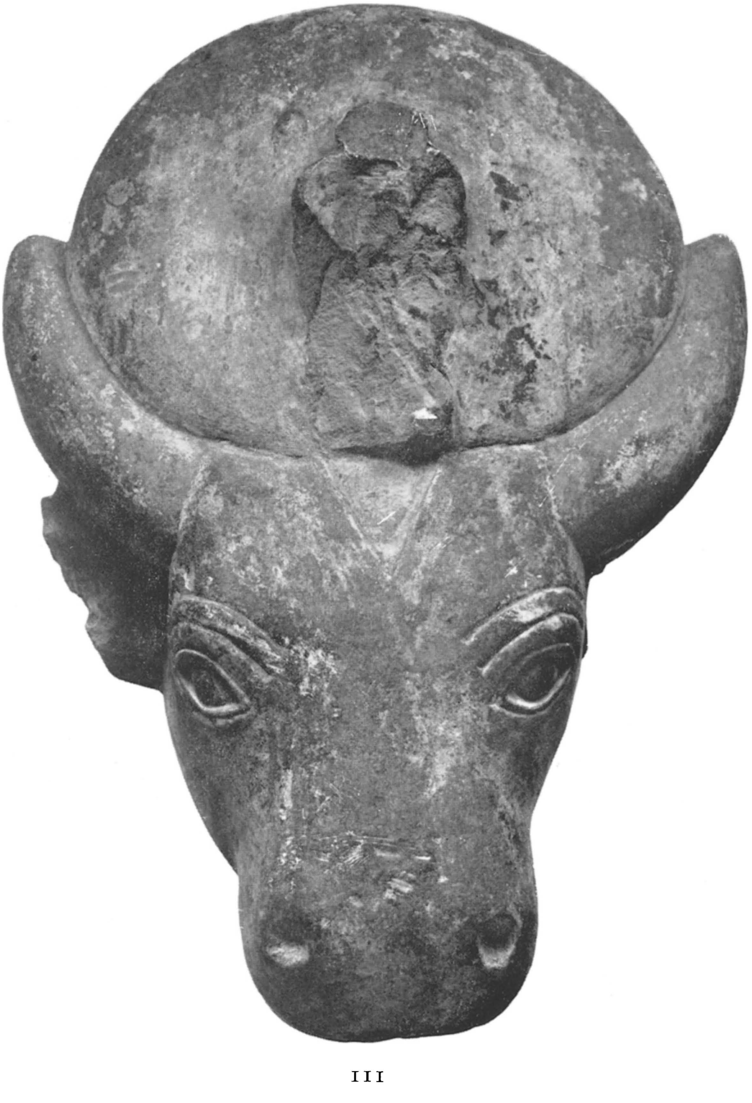

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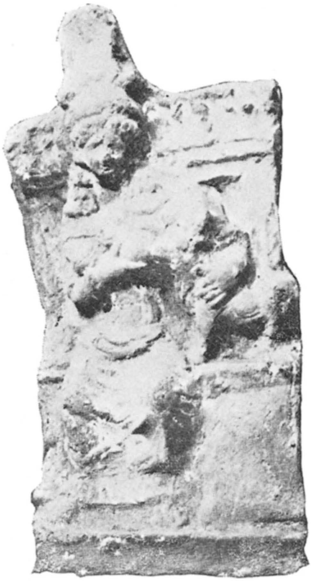

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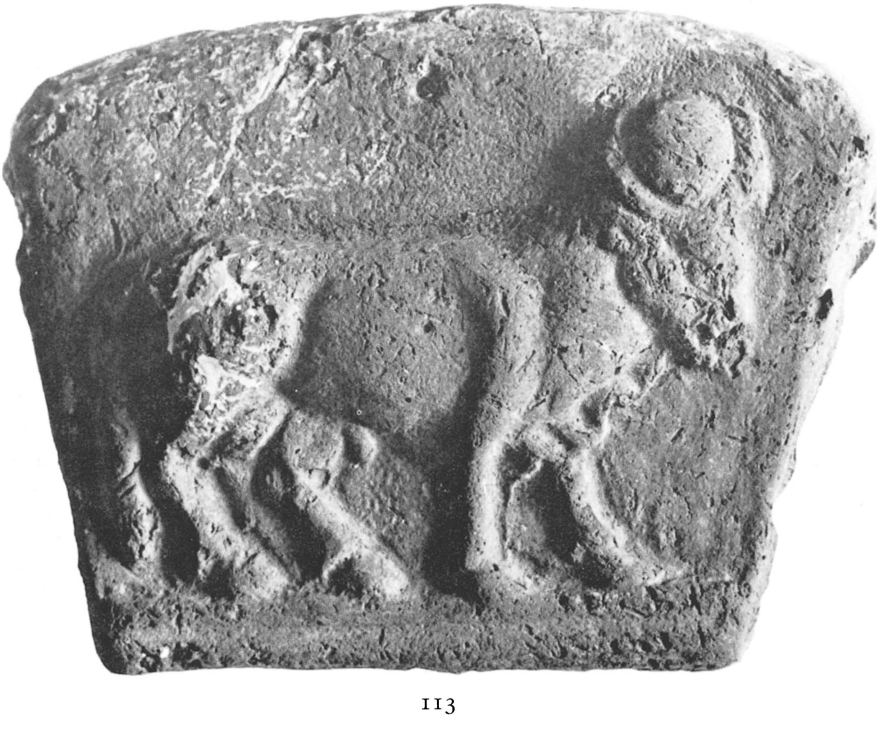

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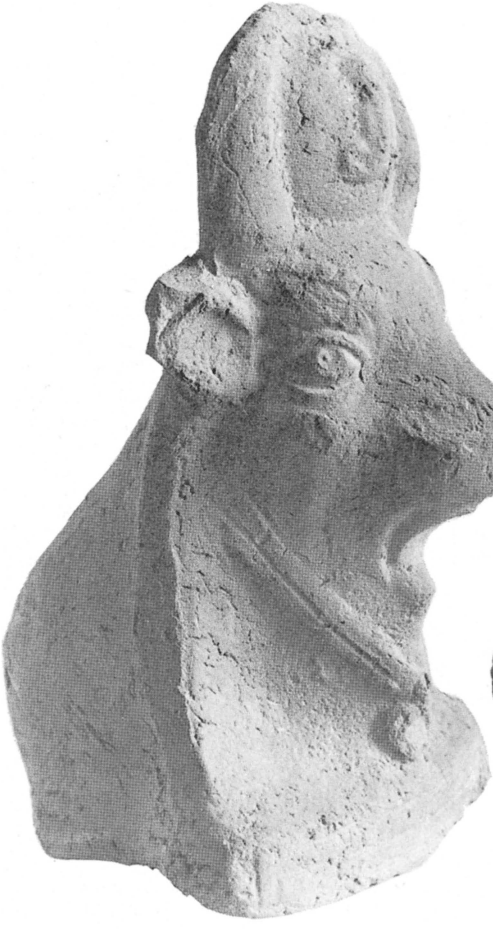
PLATE LXXIII



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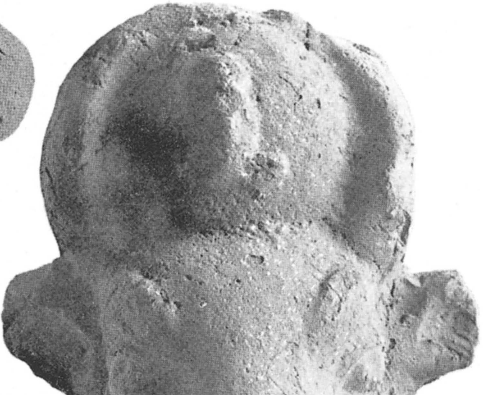

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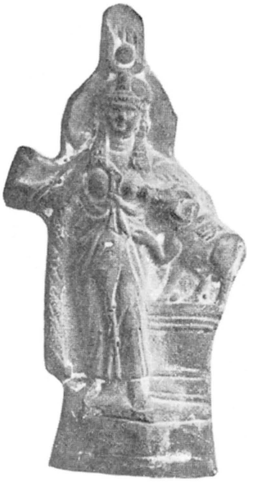

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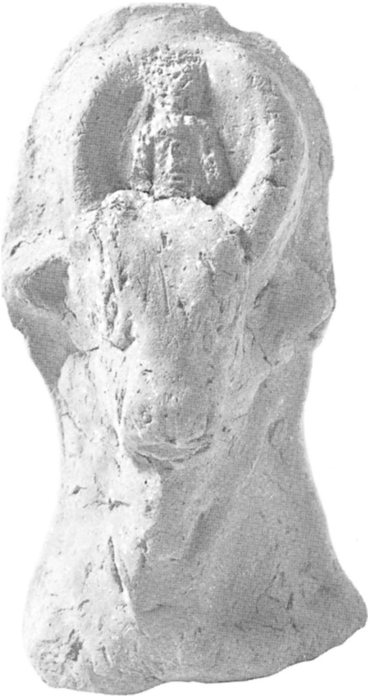

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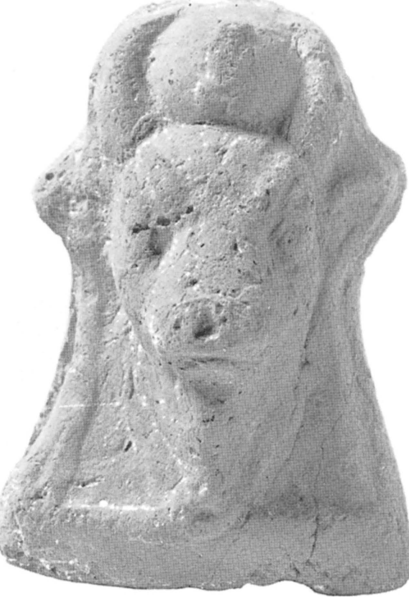

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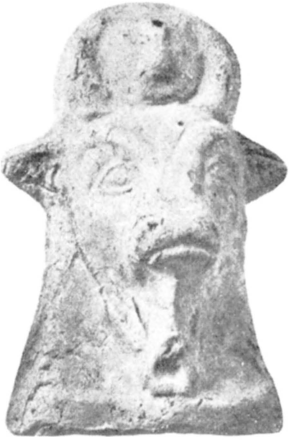
PLATE LXXV



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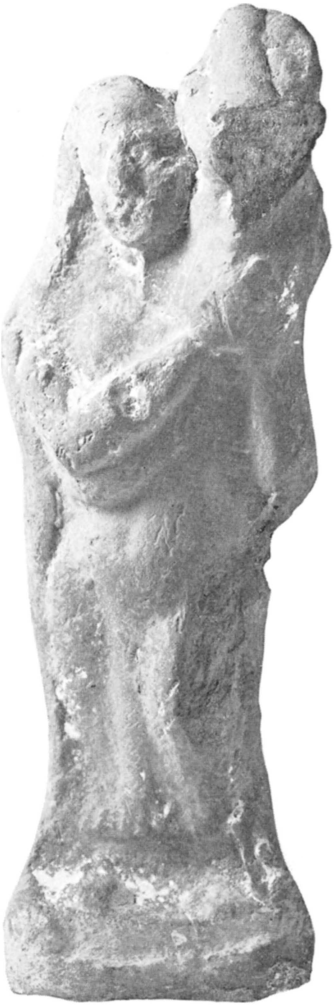

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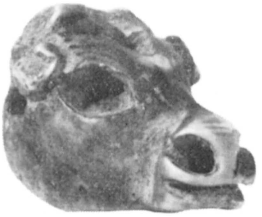

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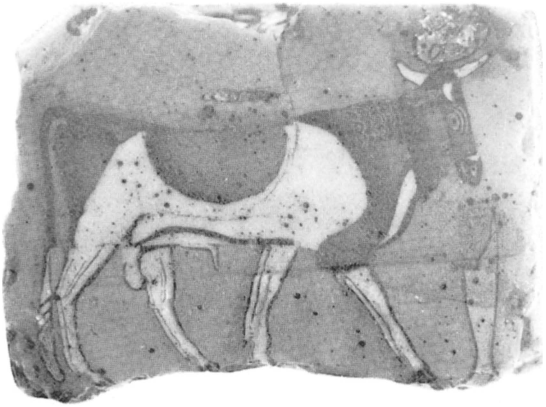

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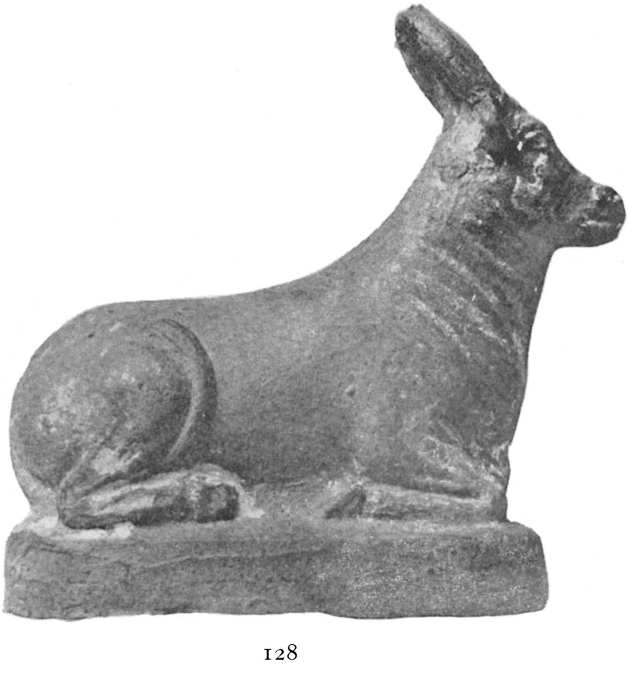

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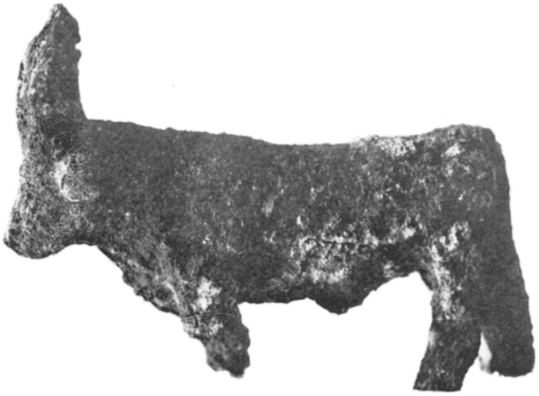

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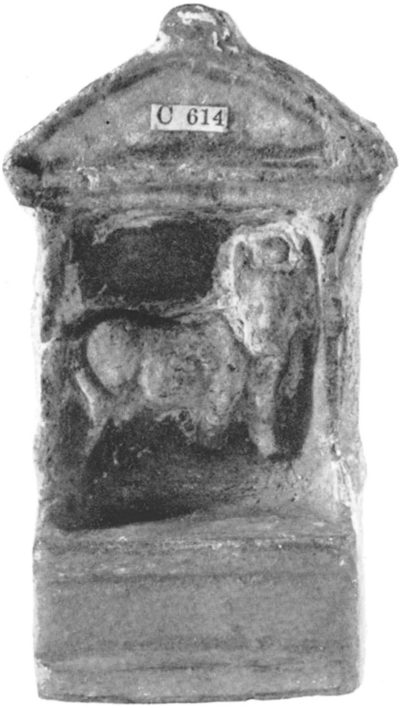

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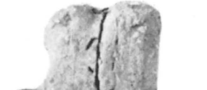

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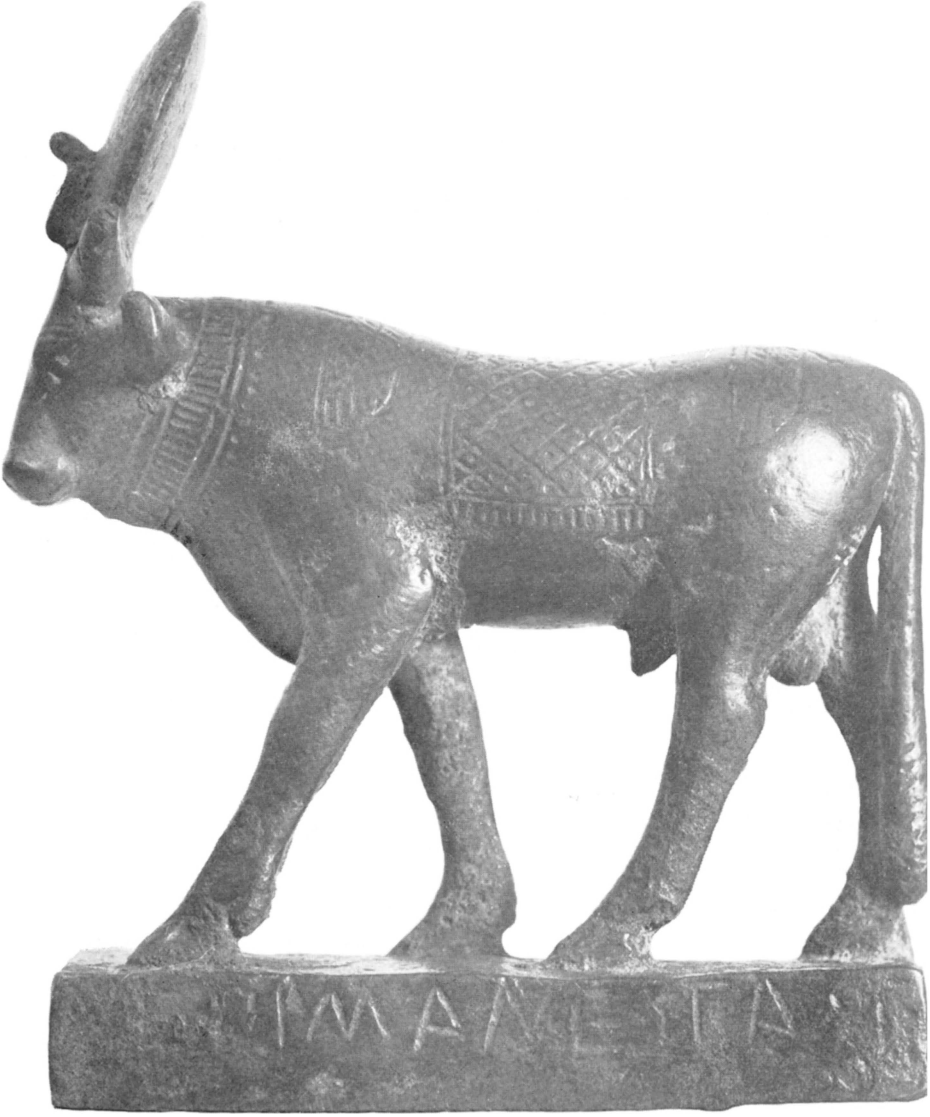

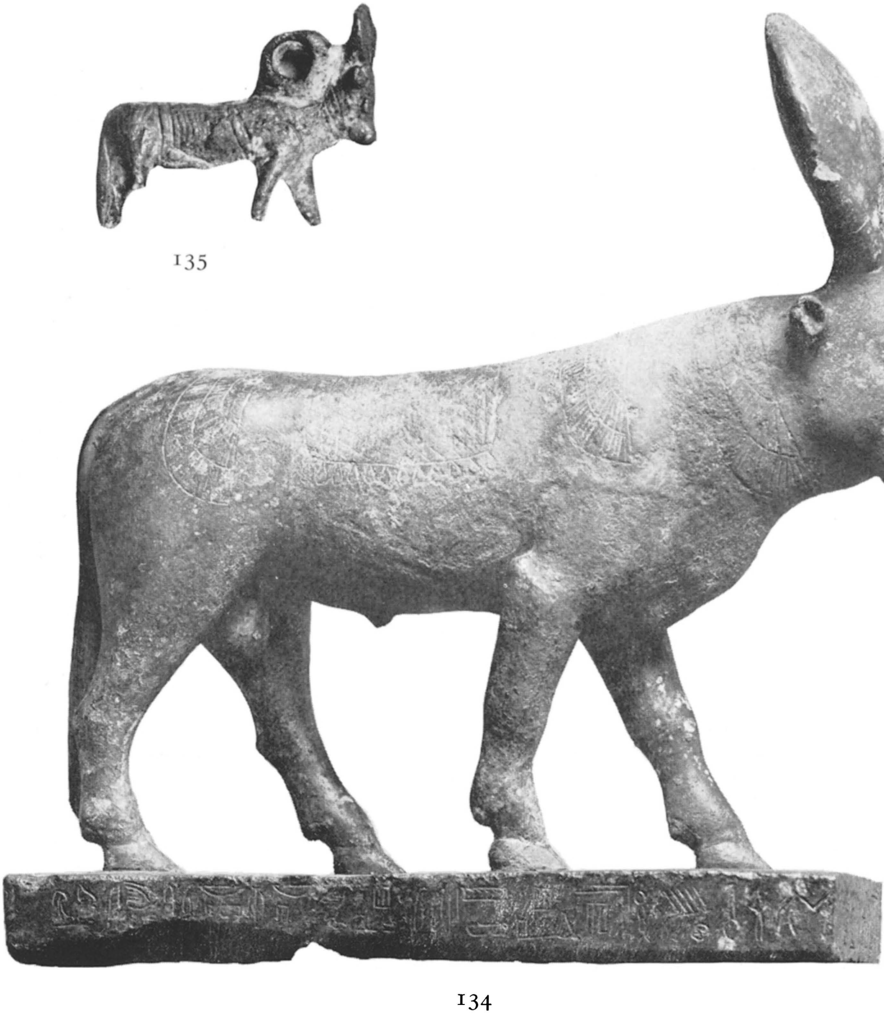

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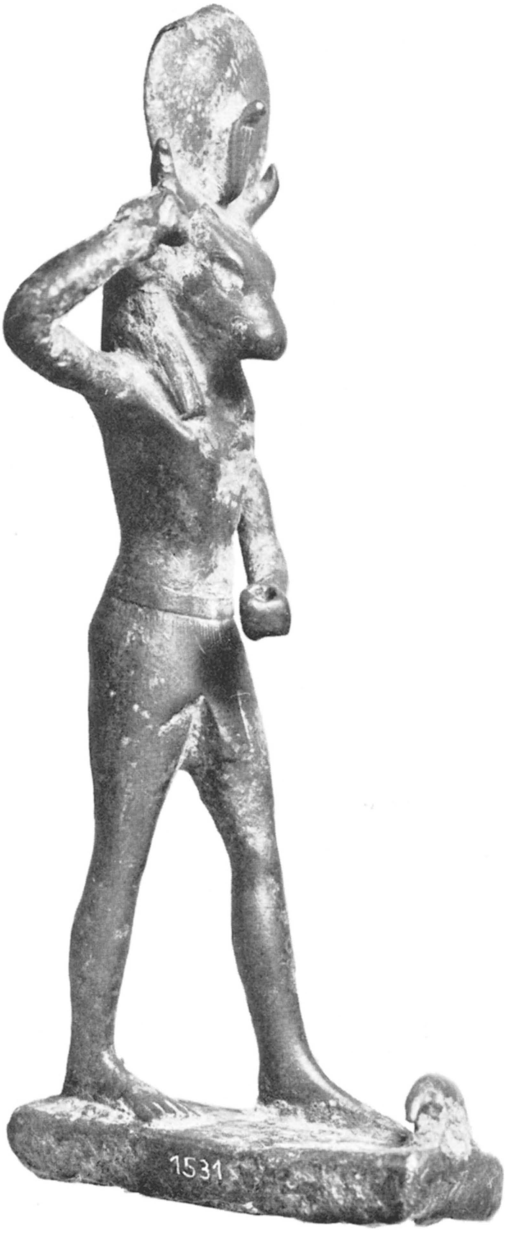
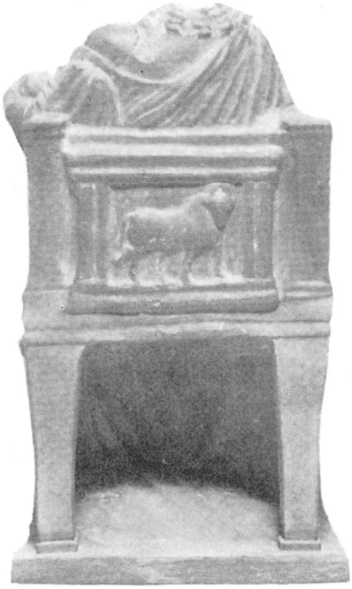
PLATE LXXX





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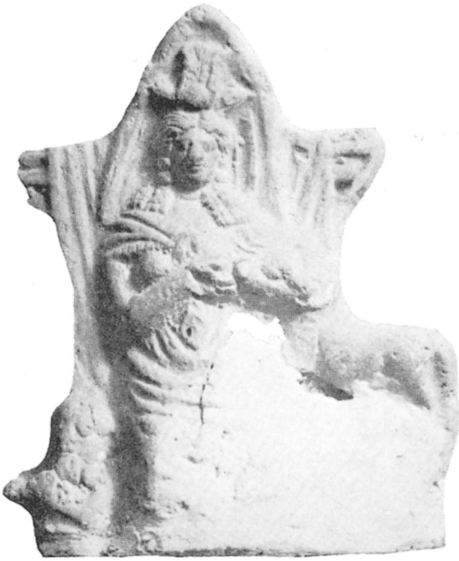

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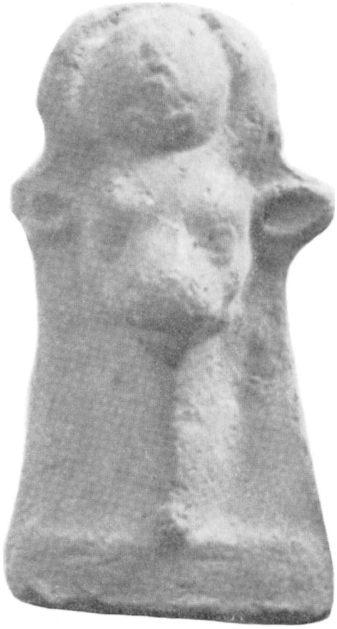

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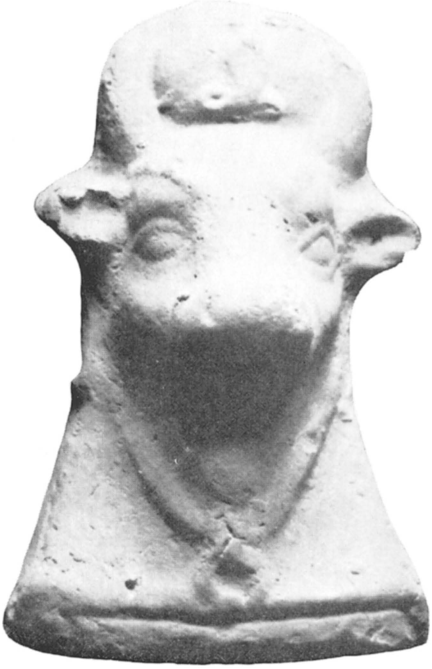

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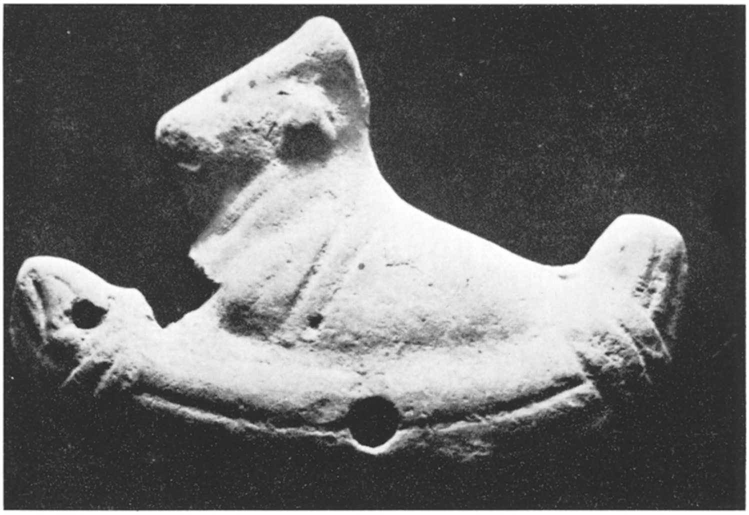

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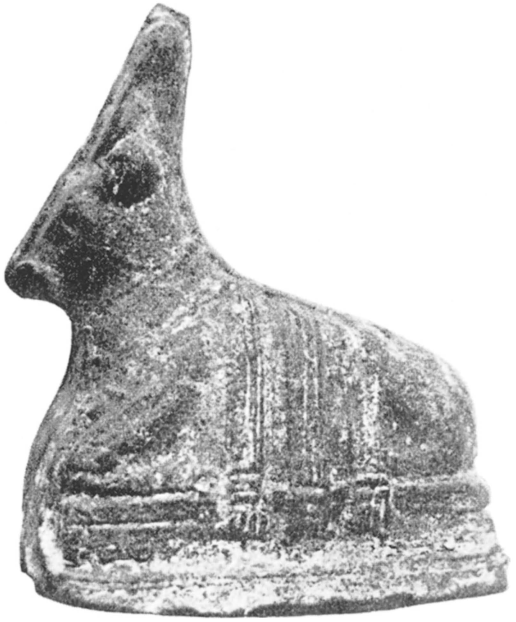

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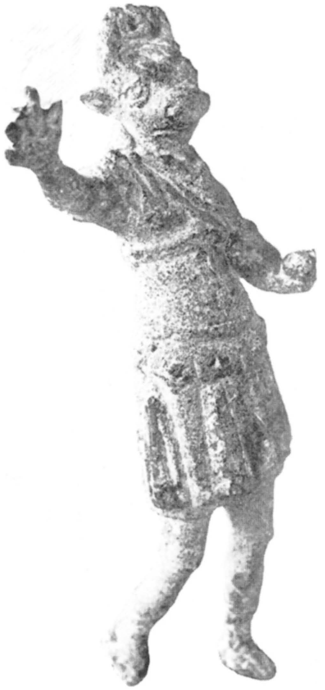

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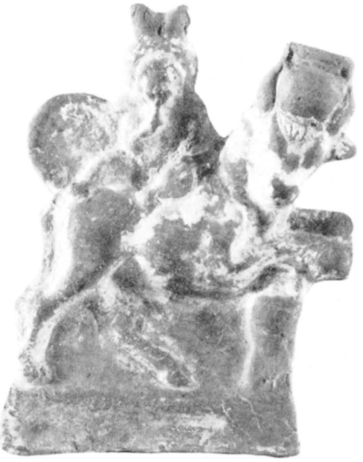

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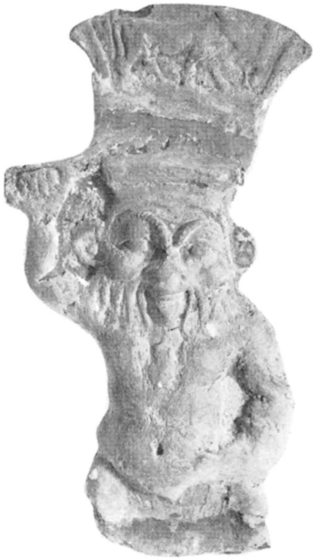
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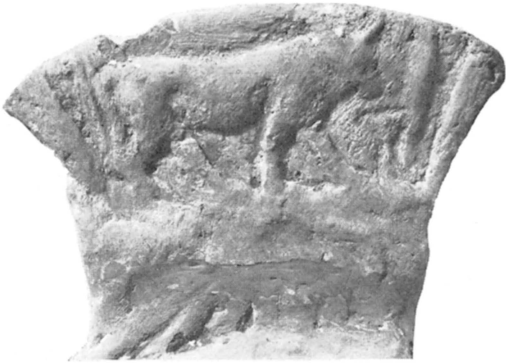
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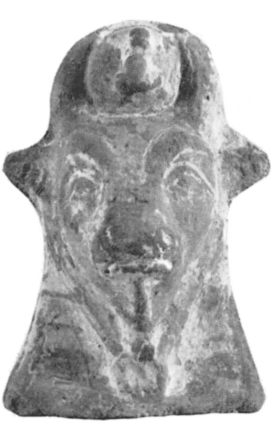
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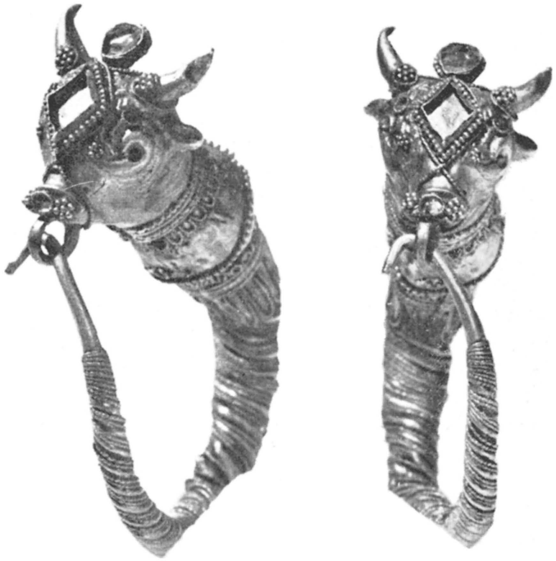
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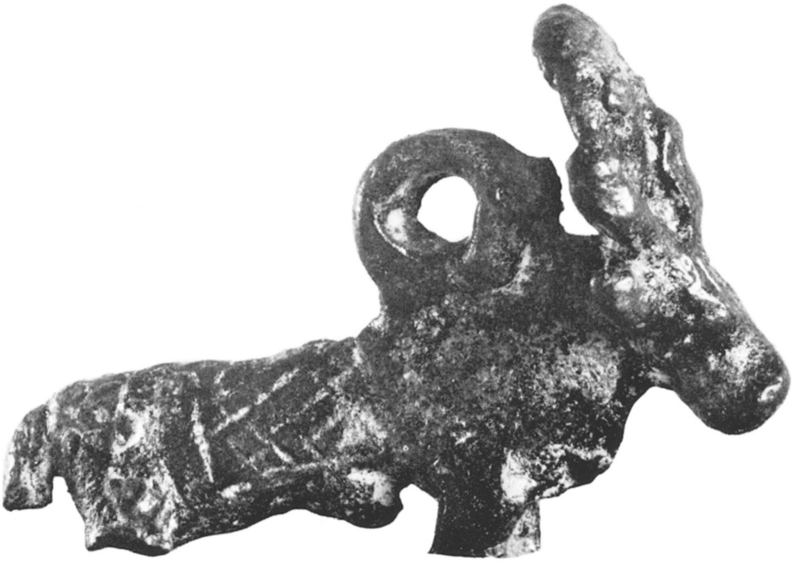

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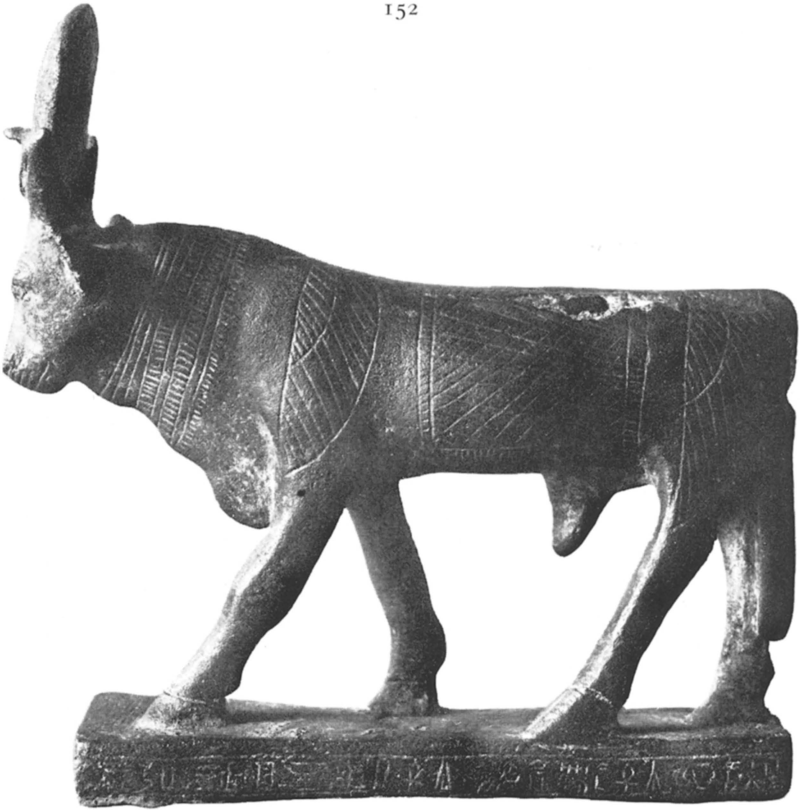

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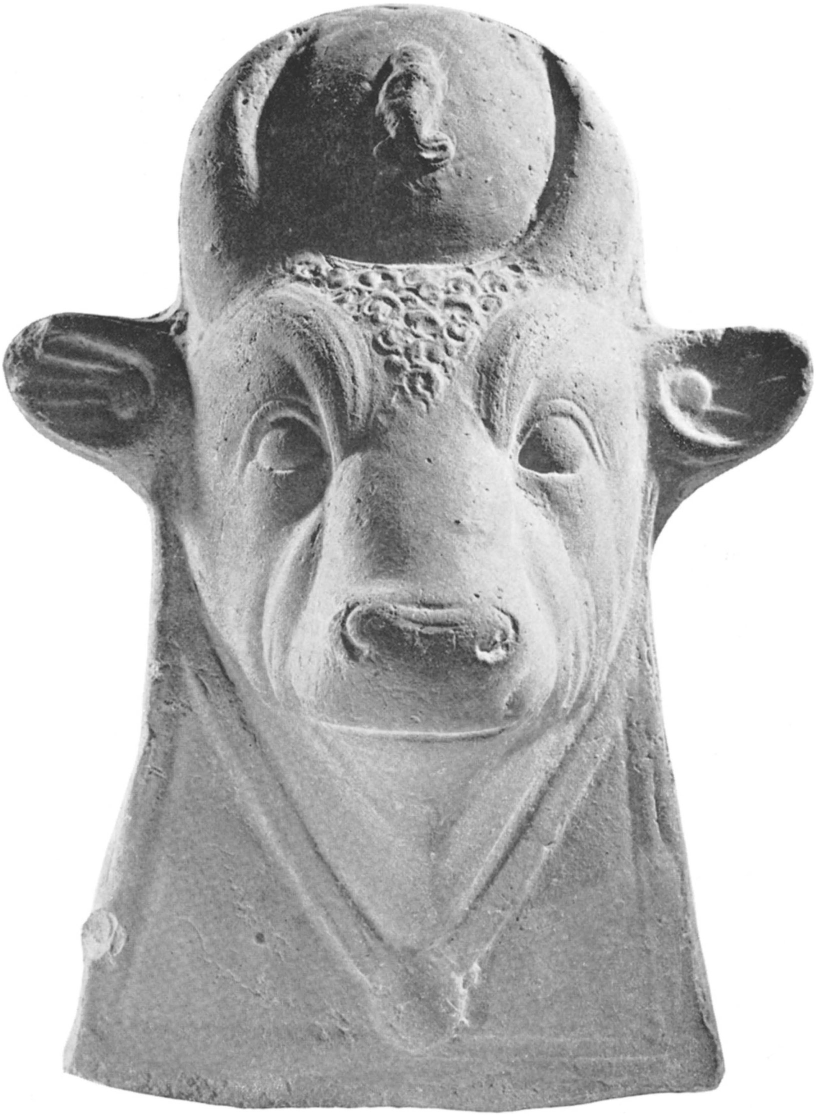
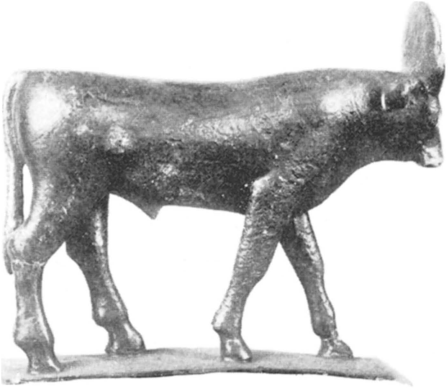
Plate LXXXVI





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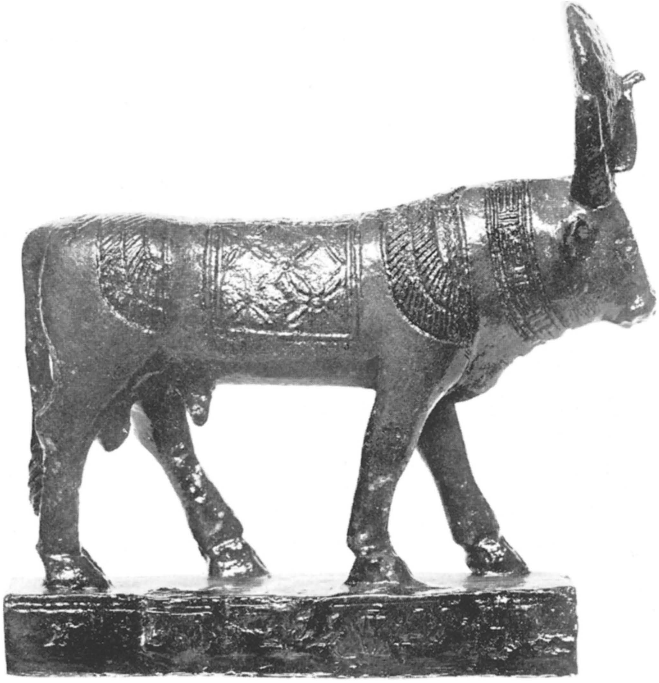

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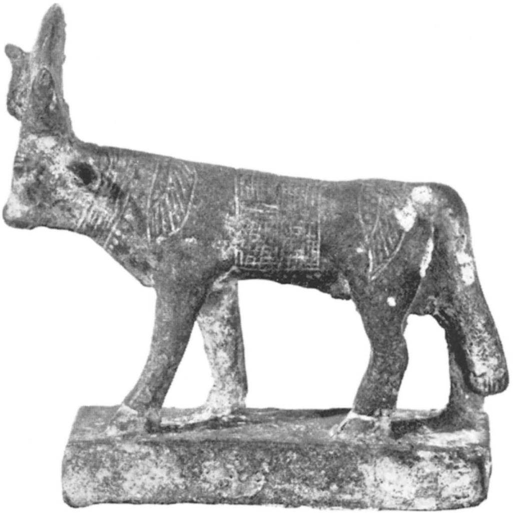

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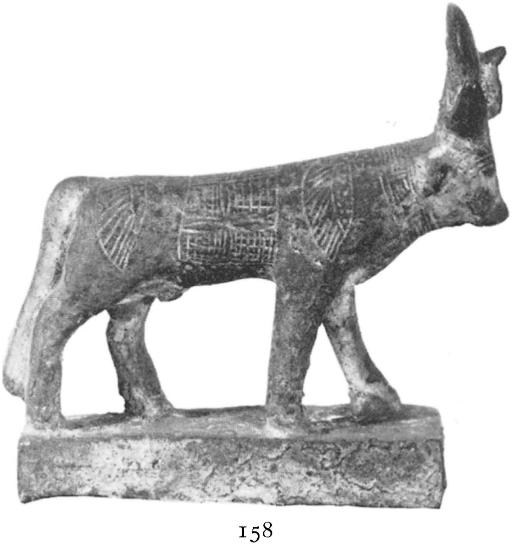

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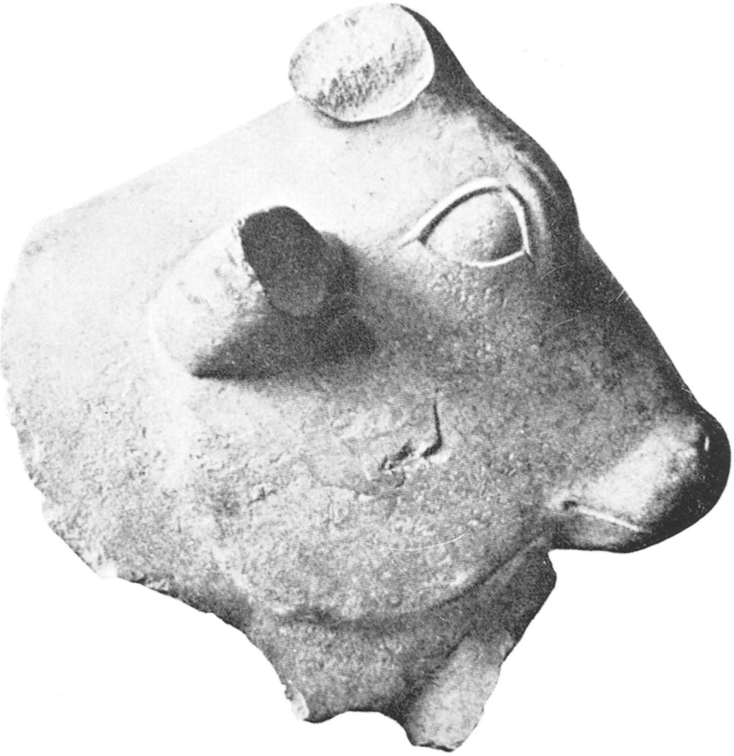

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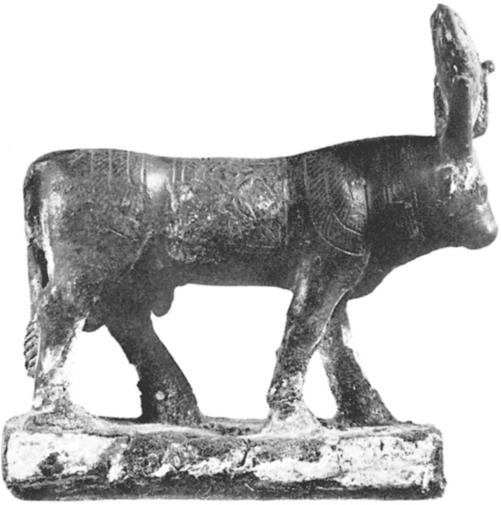

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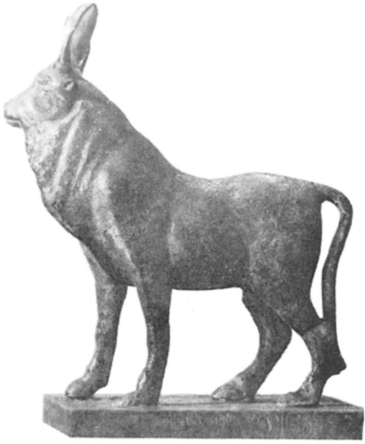

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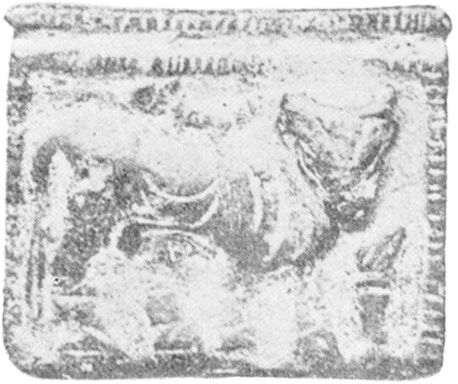
Plate XC



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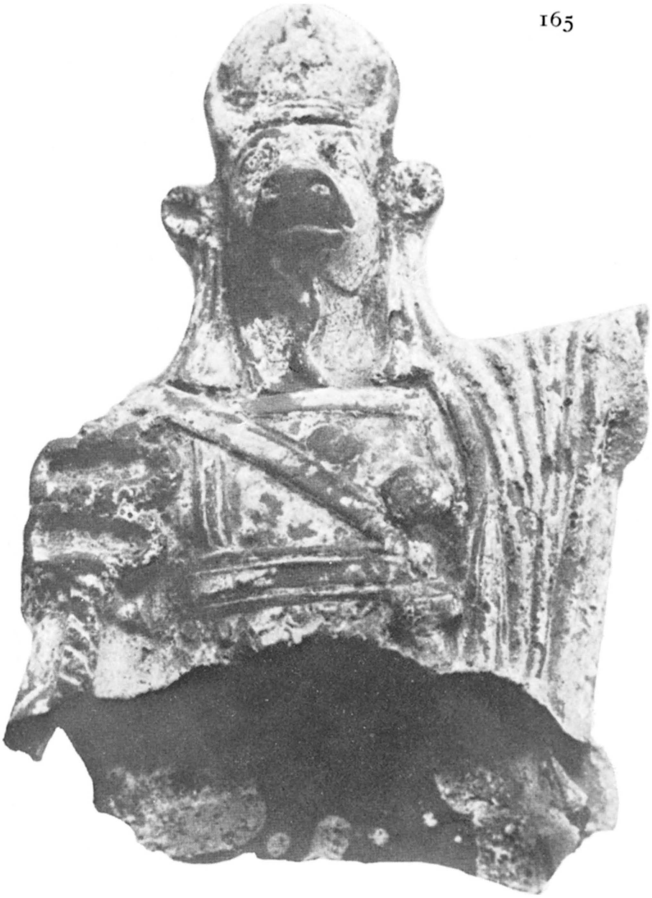

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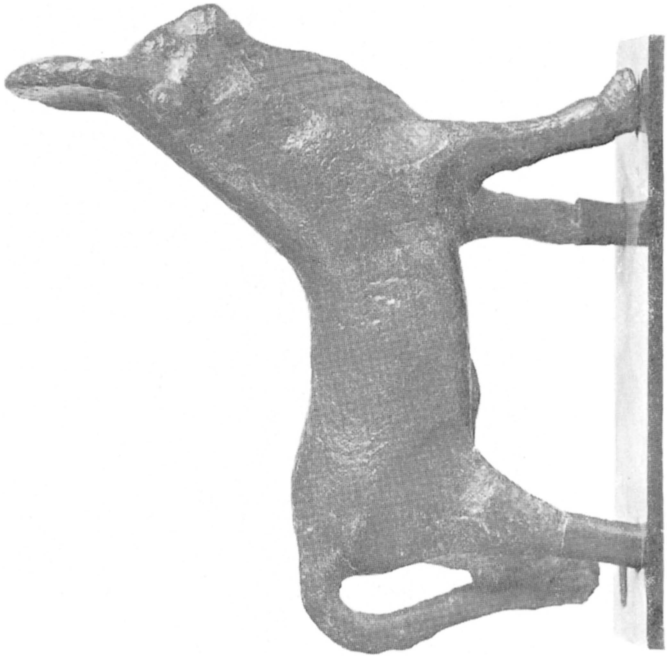
PLATE XCI



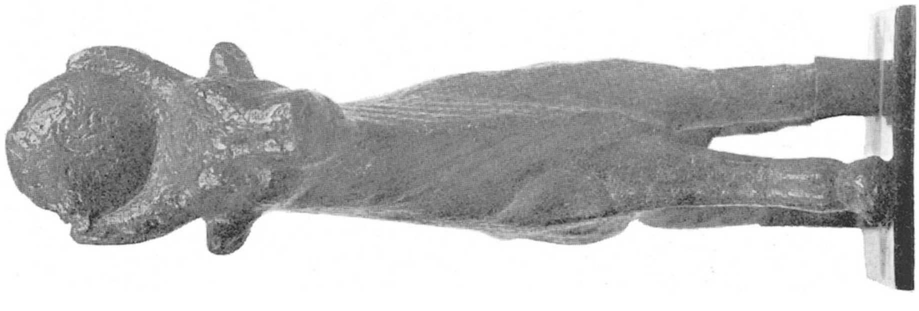
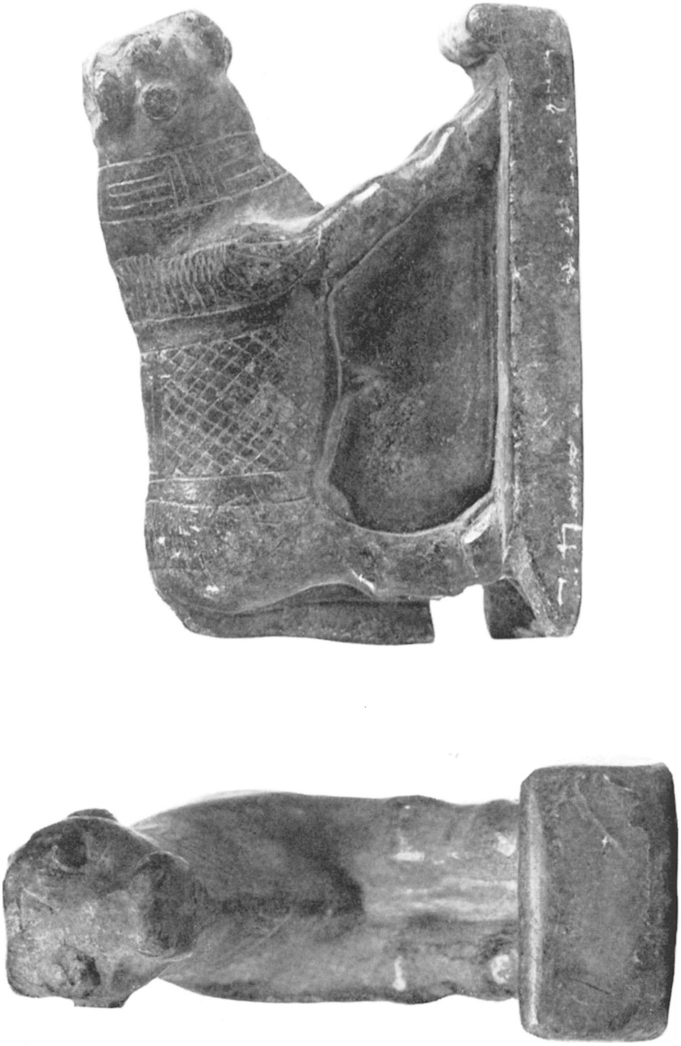


PLATE XCII



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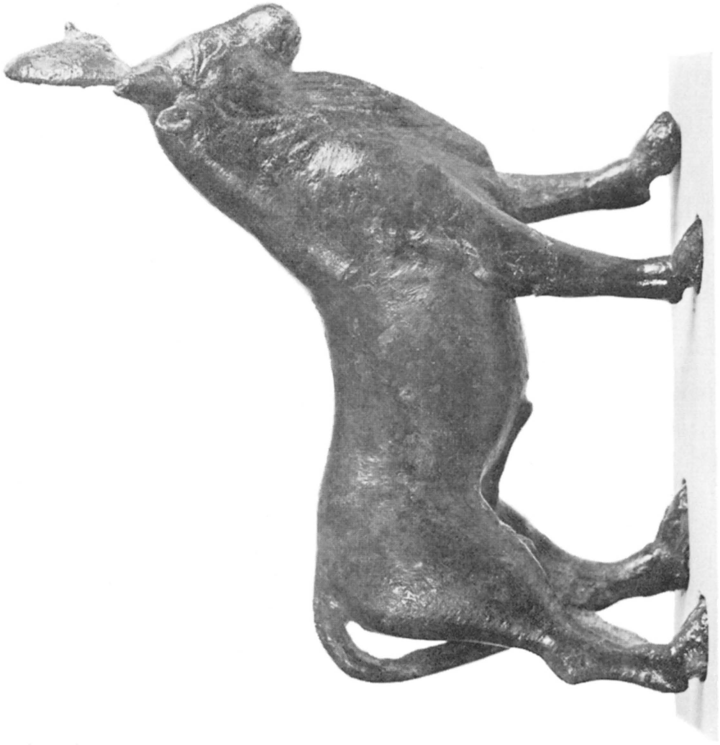

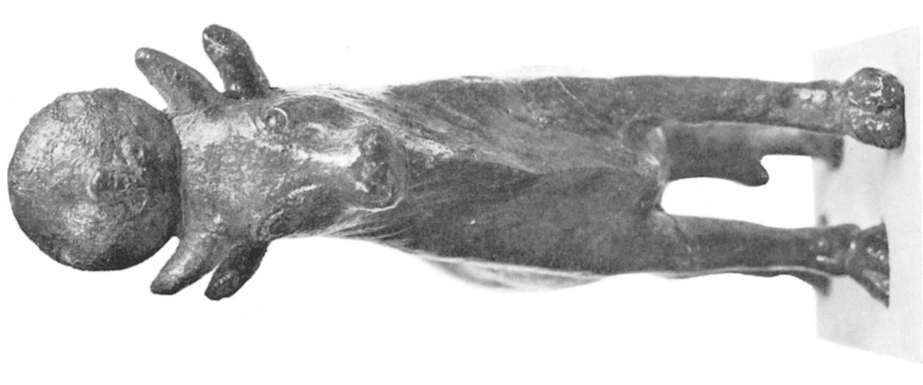

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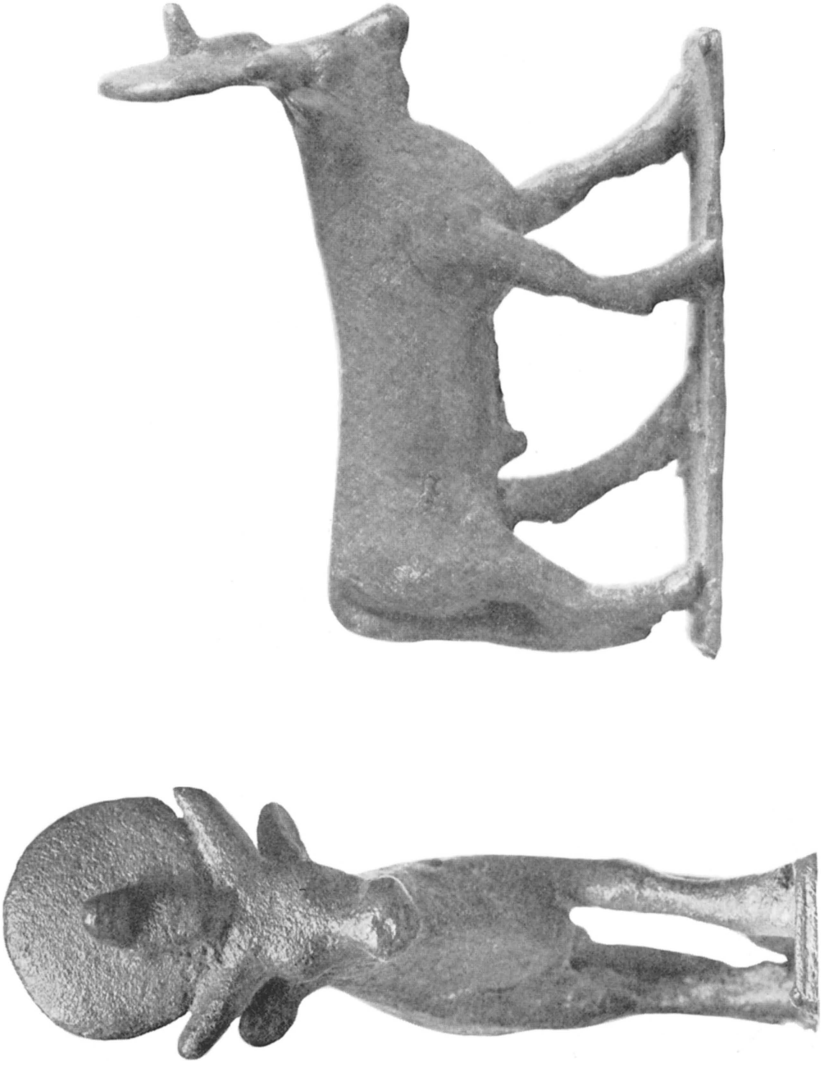

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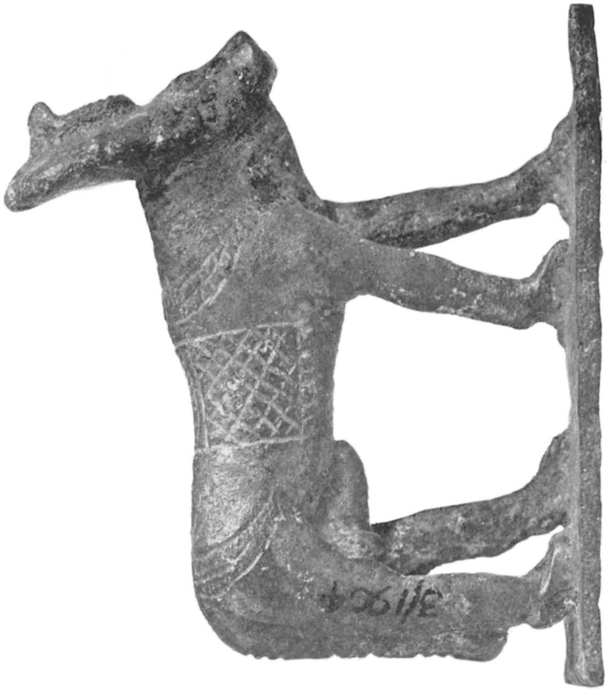

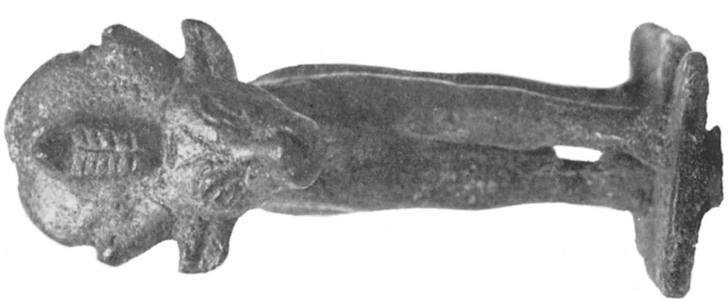

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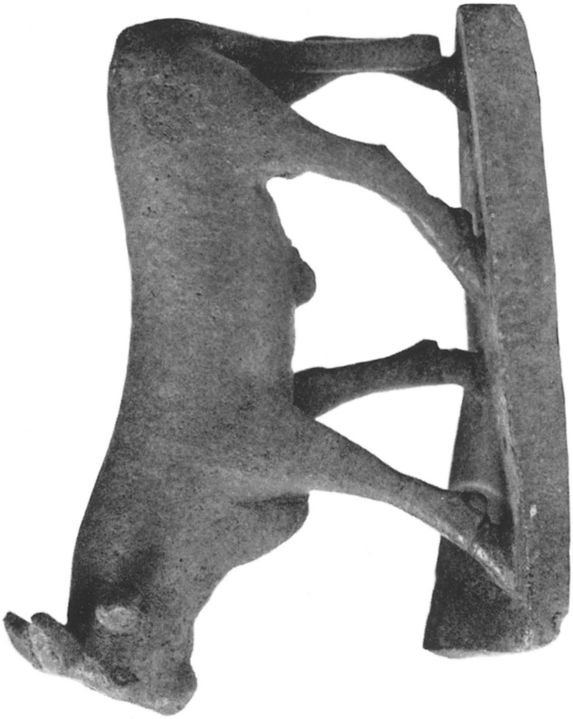

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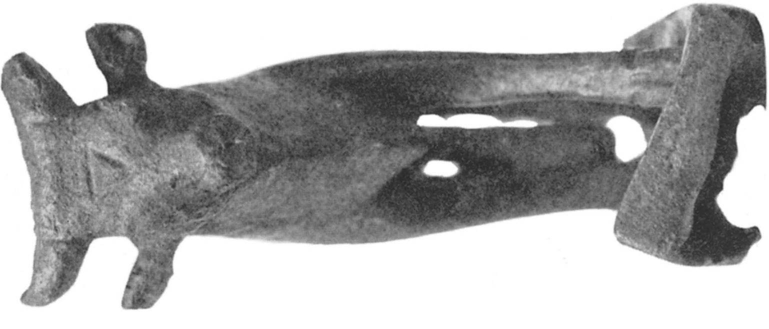

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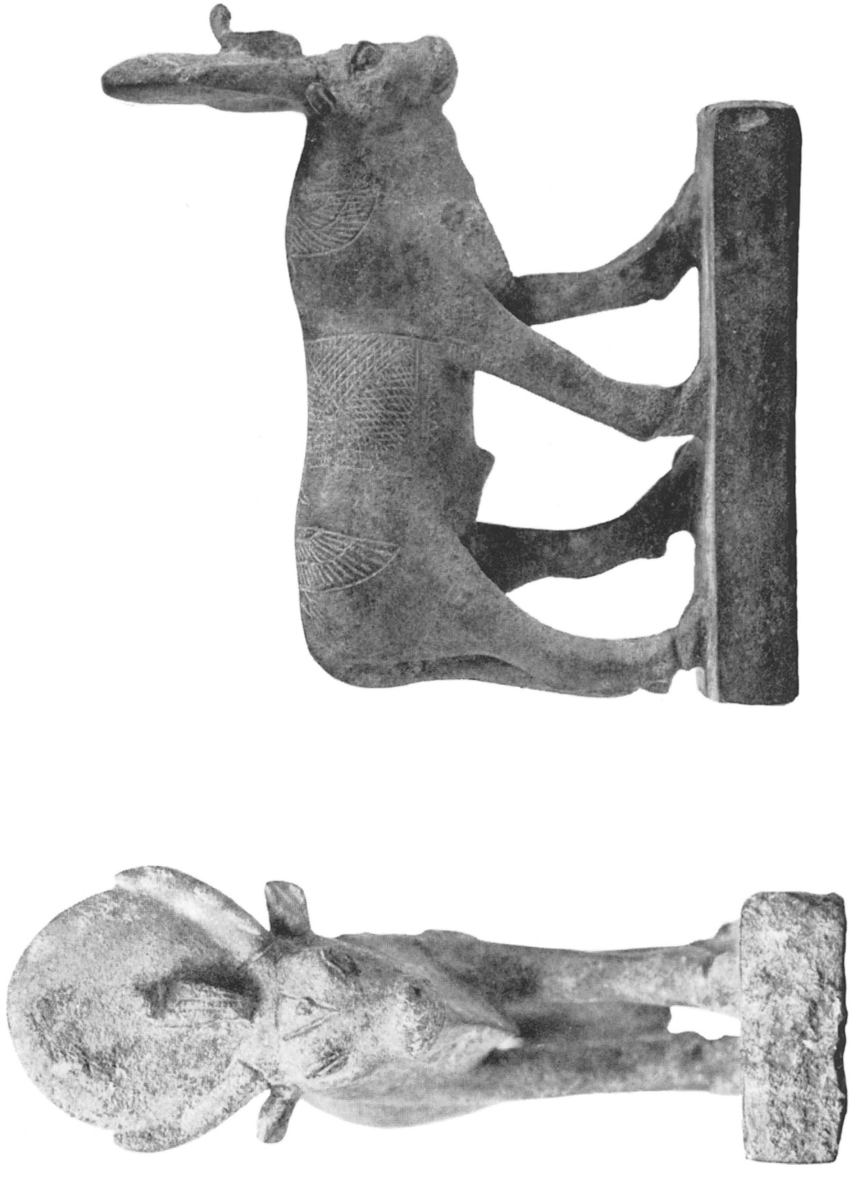

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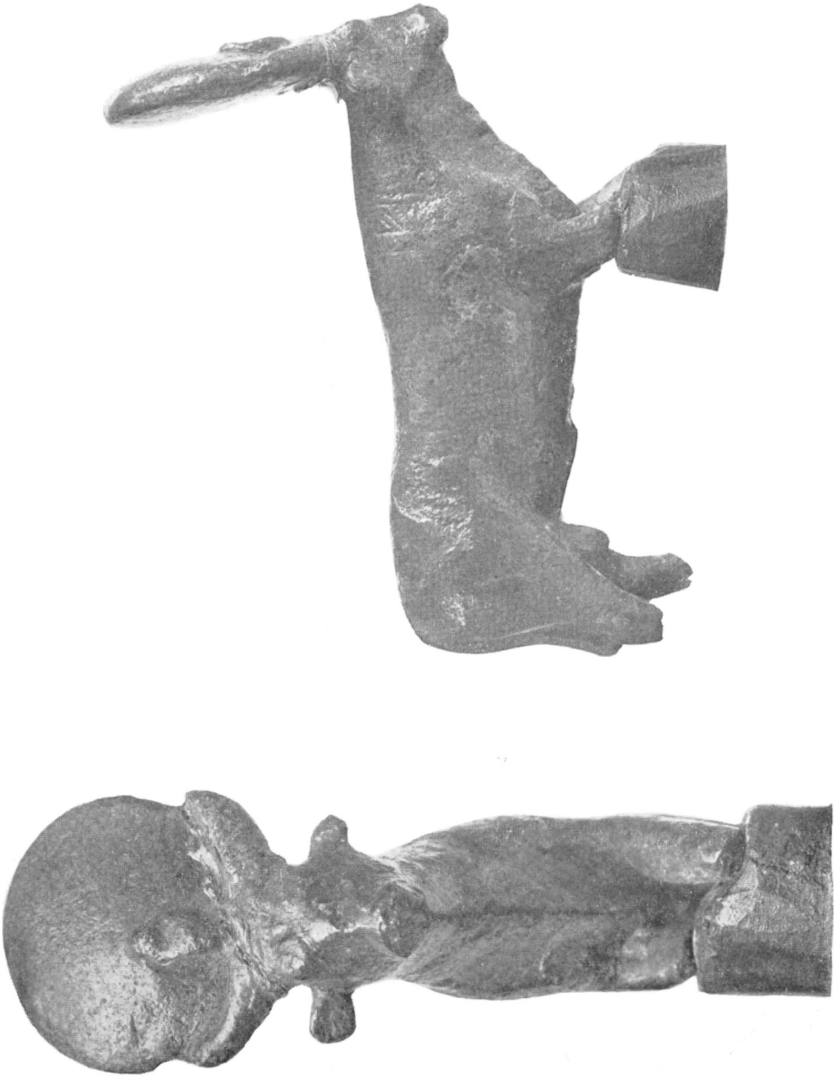

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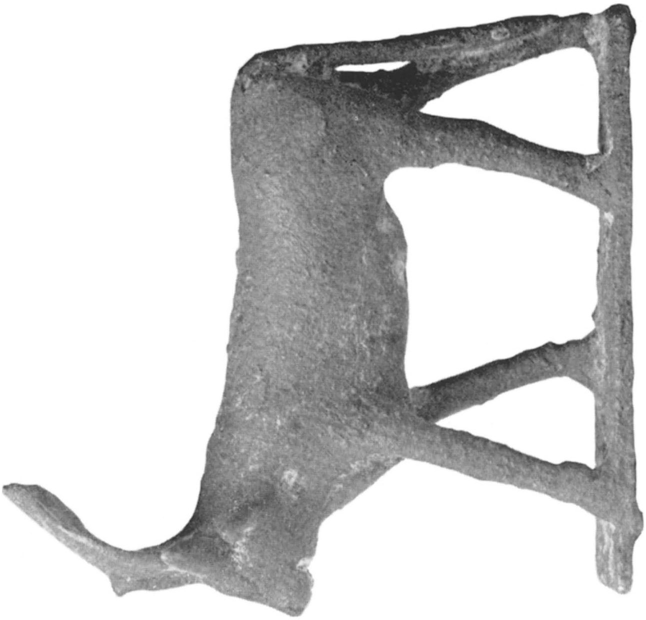

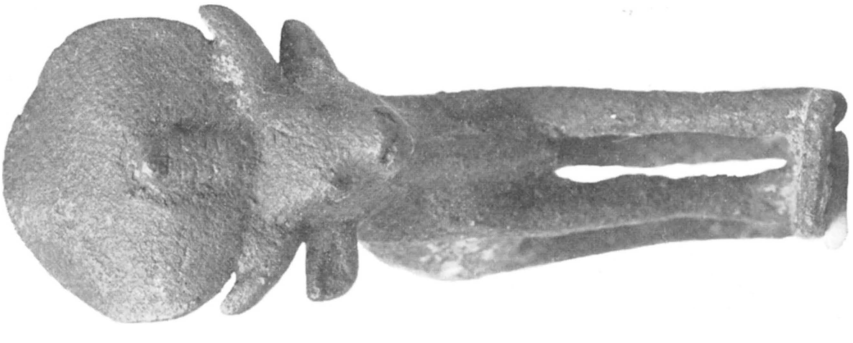

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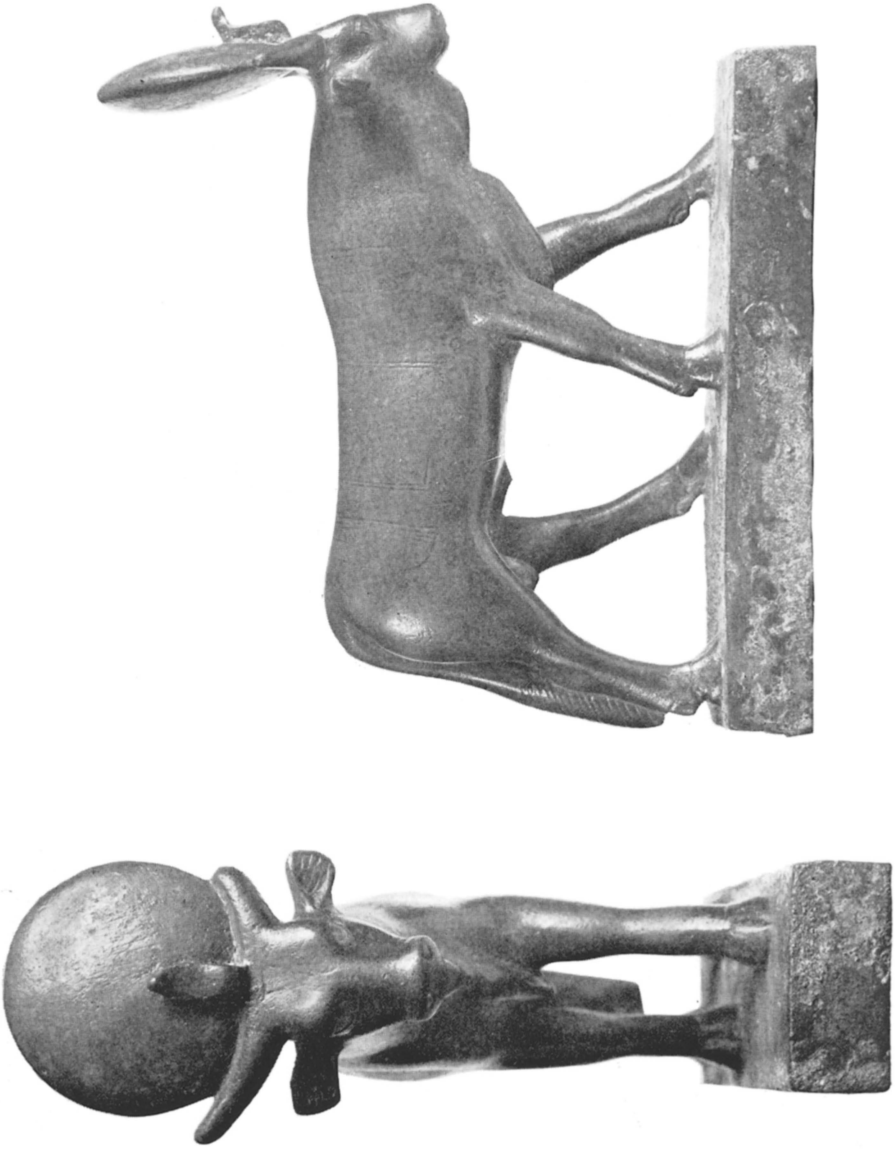

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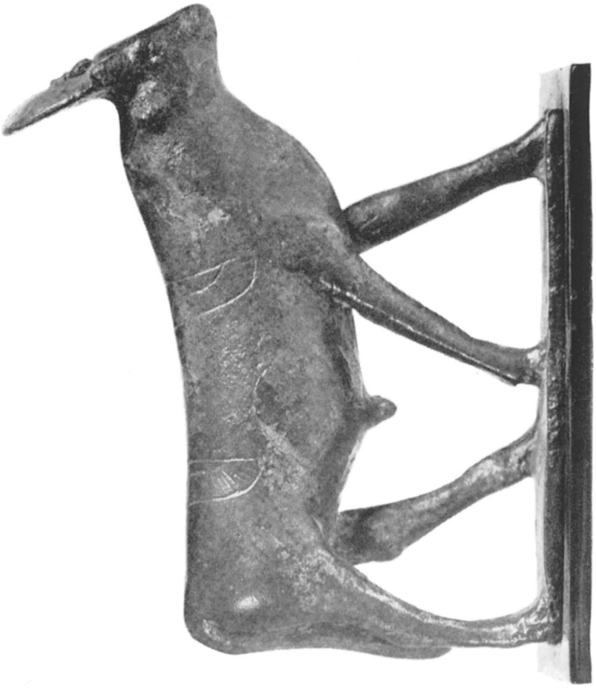

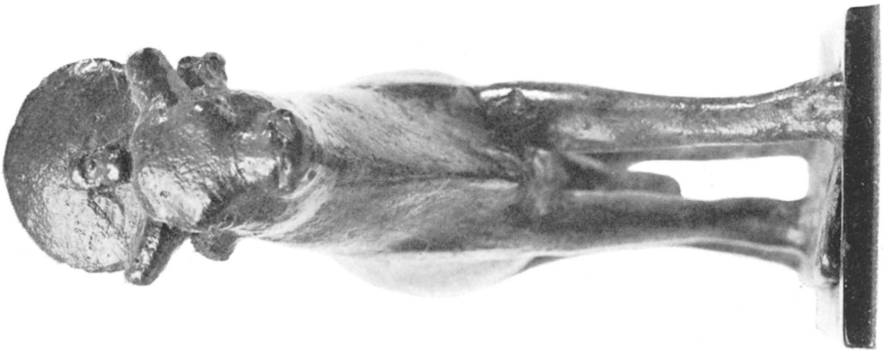

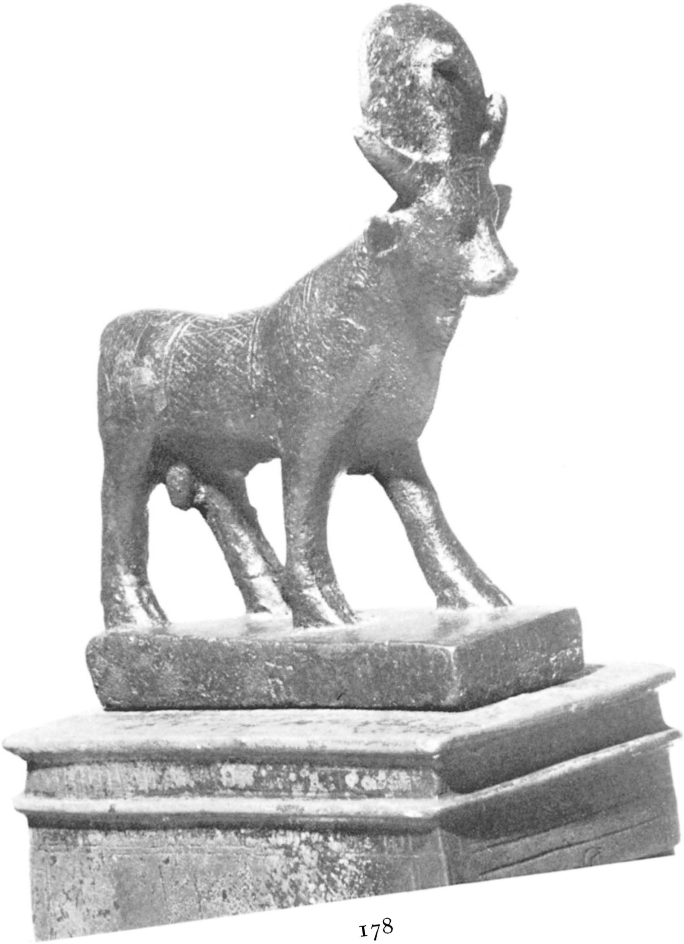

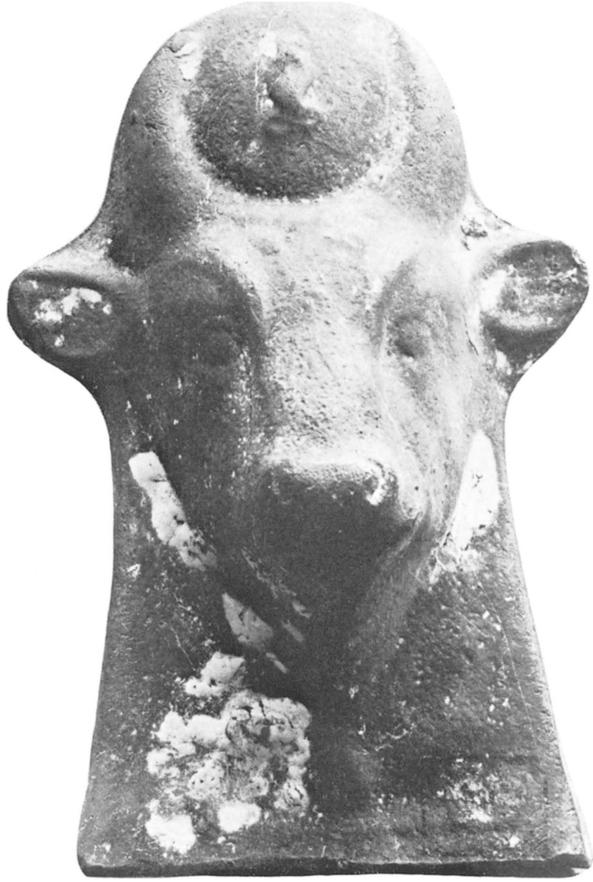

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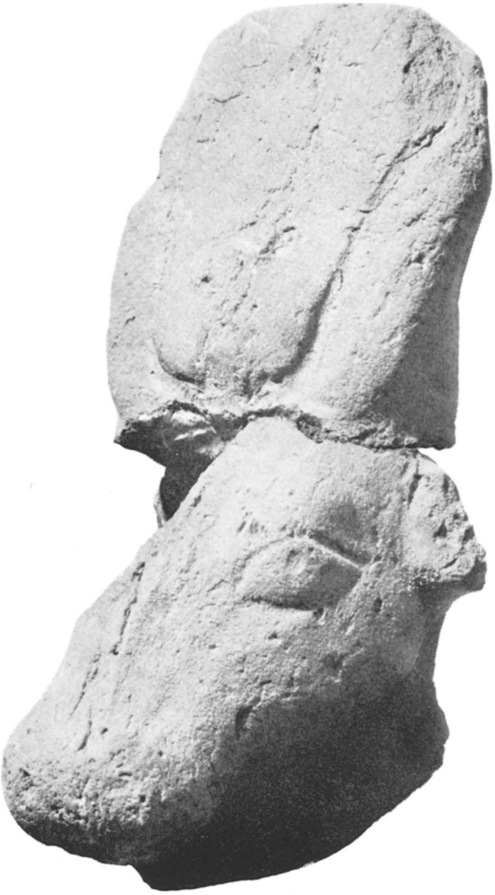

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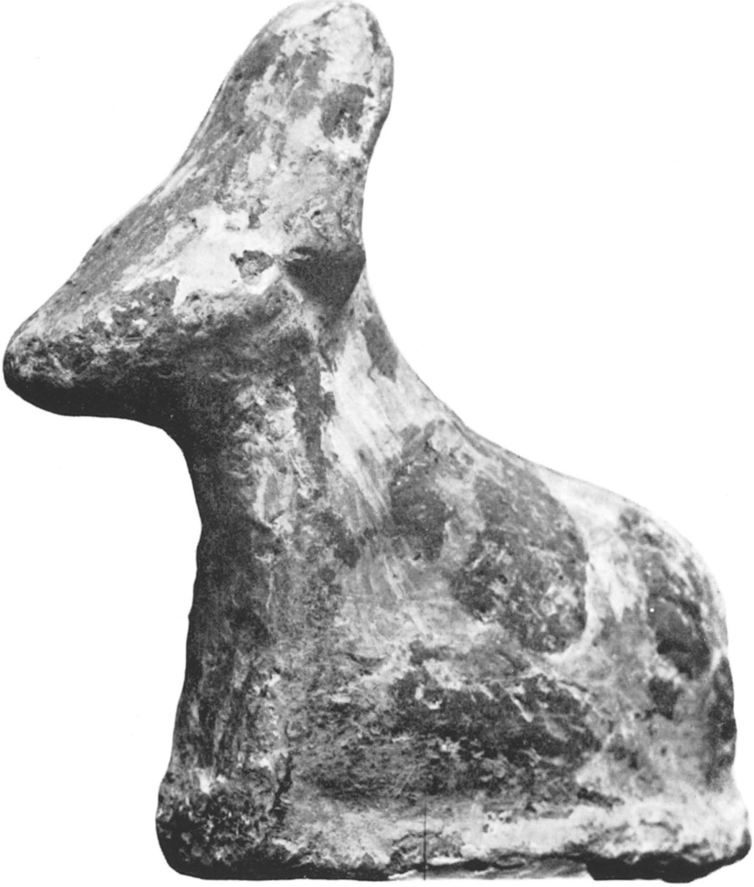

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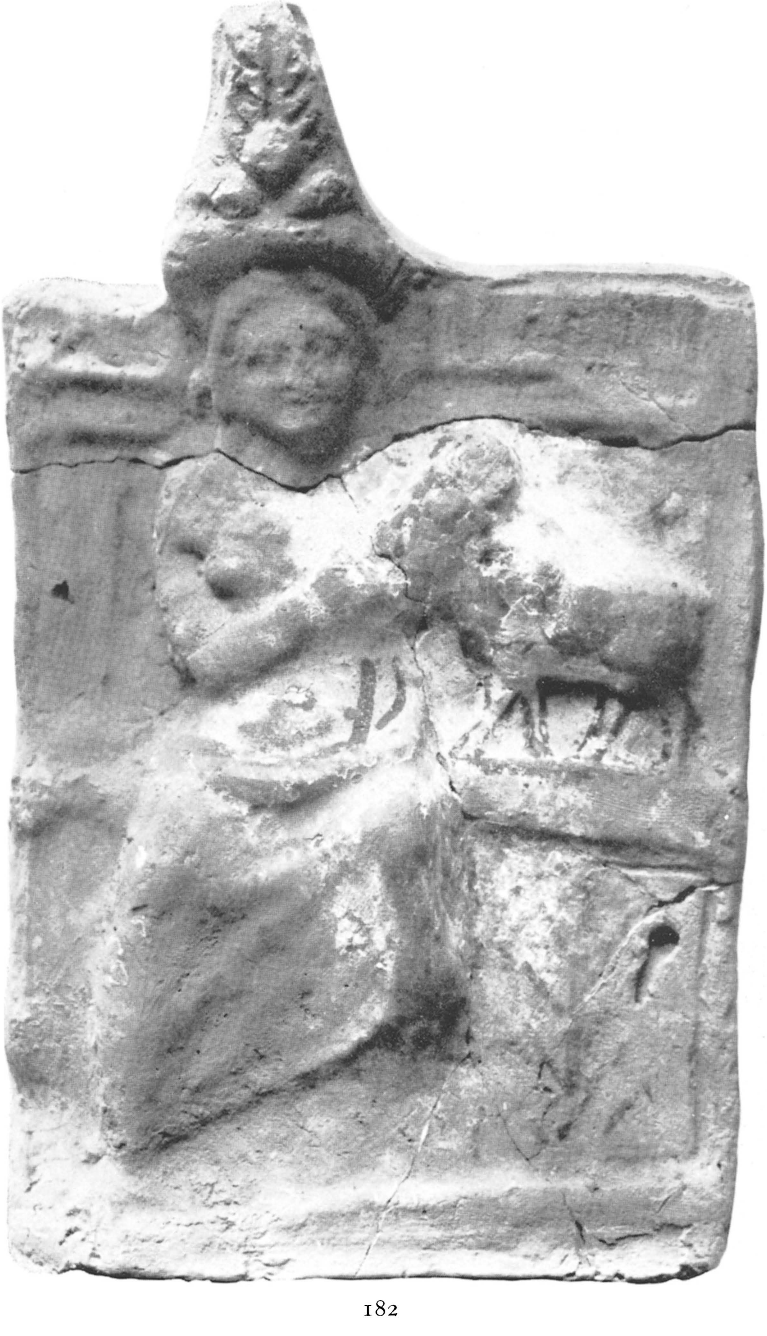
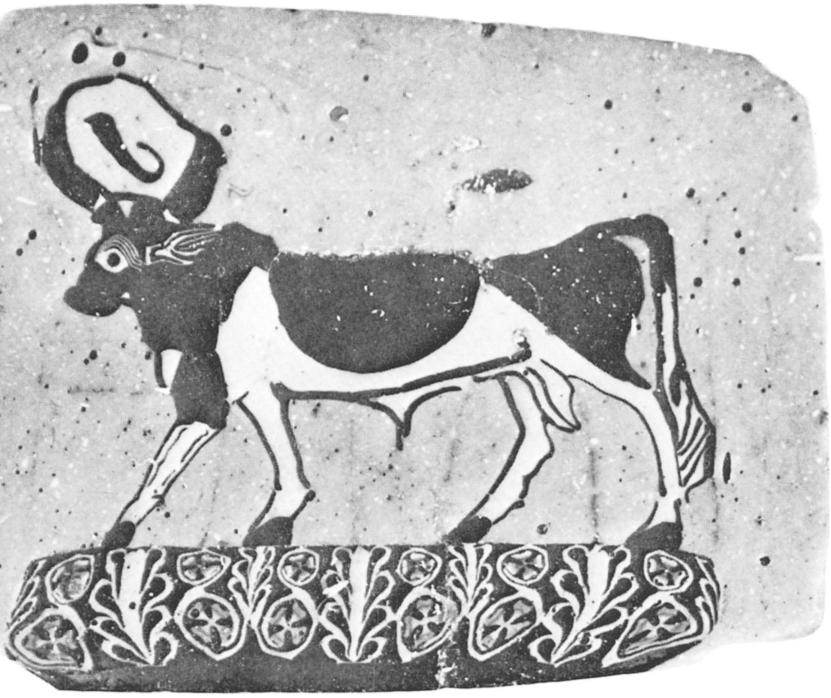
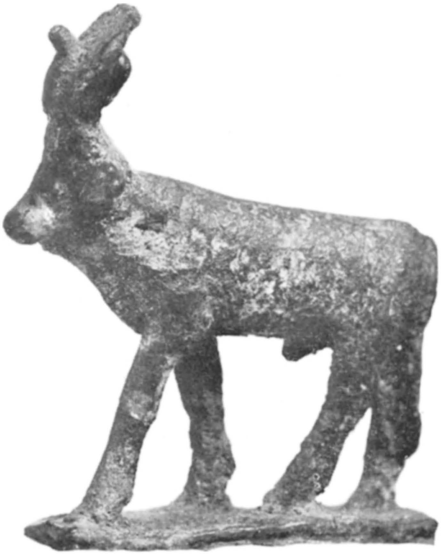
PLATE CVI







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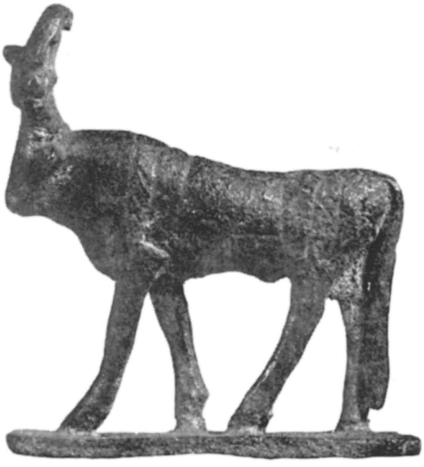

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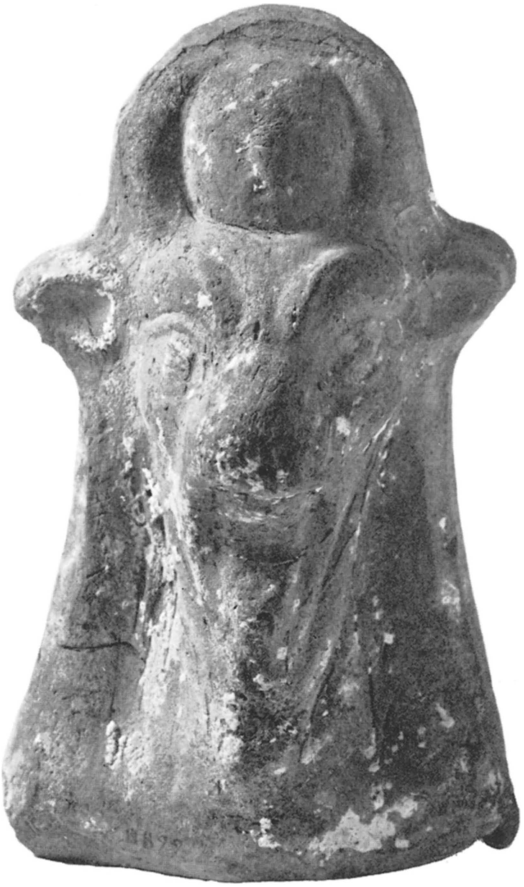

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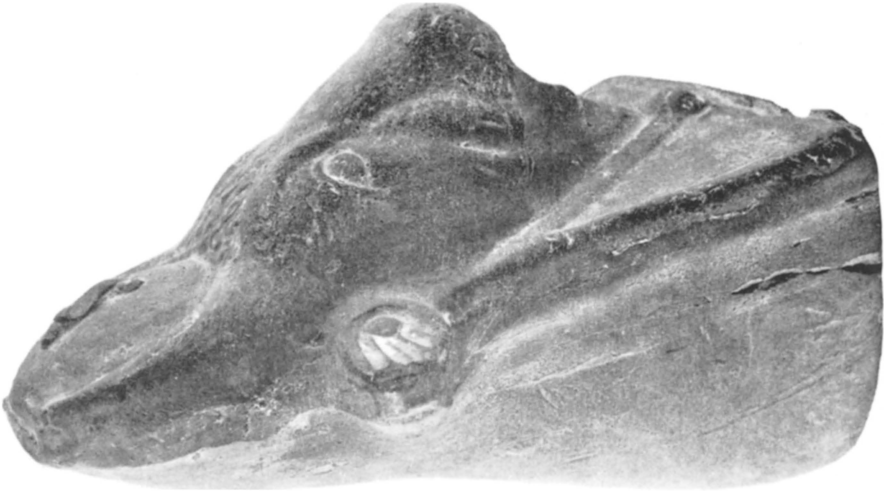
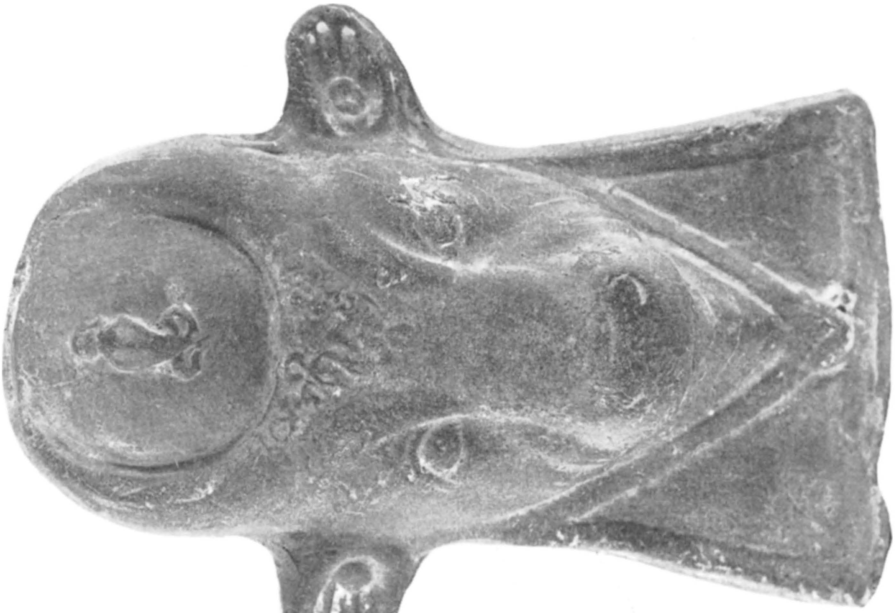
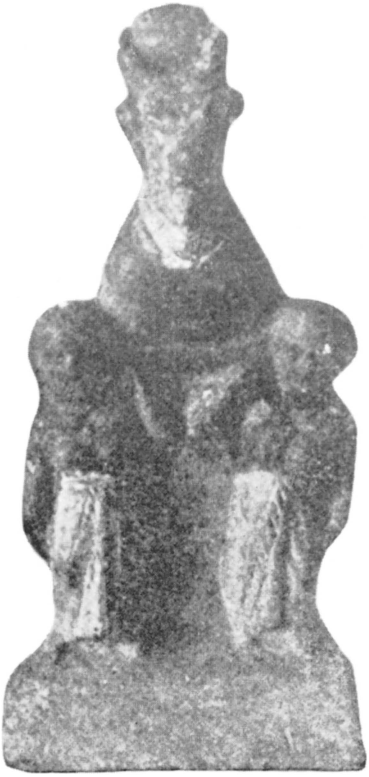
PLATE CX







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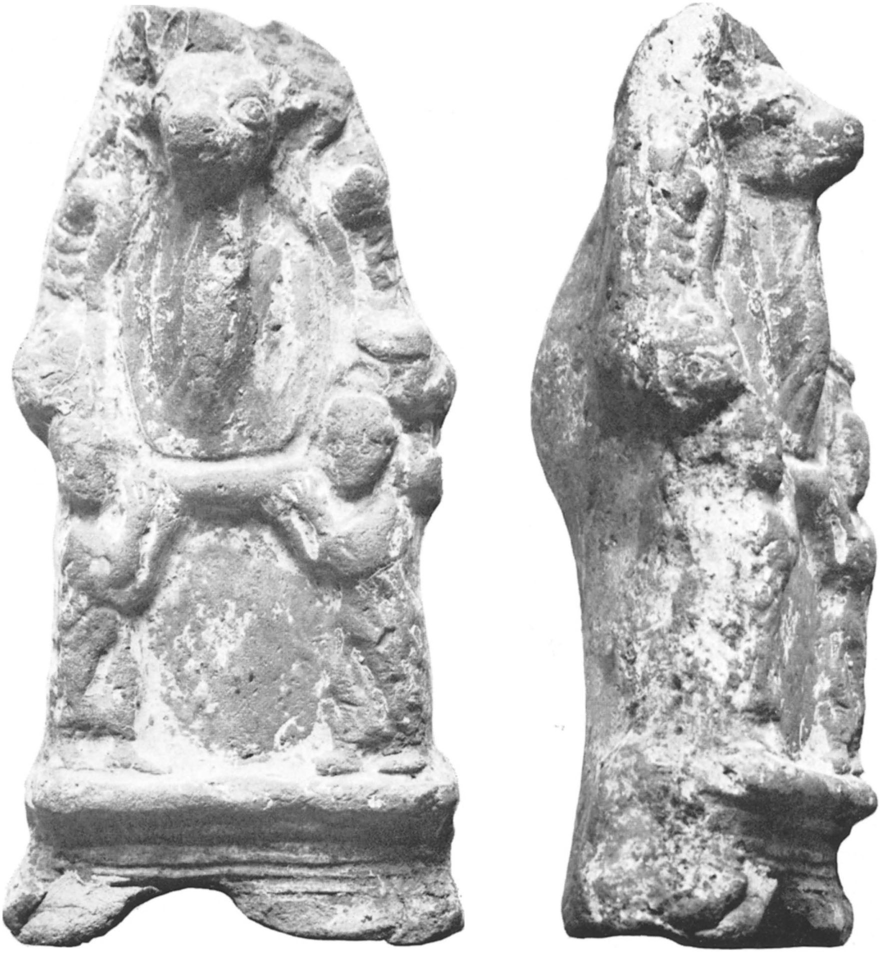

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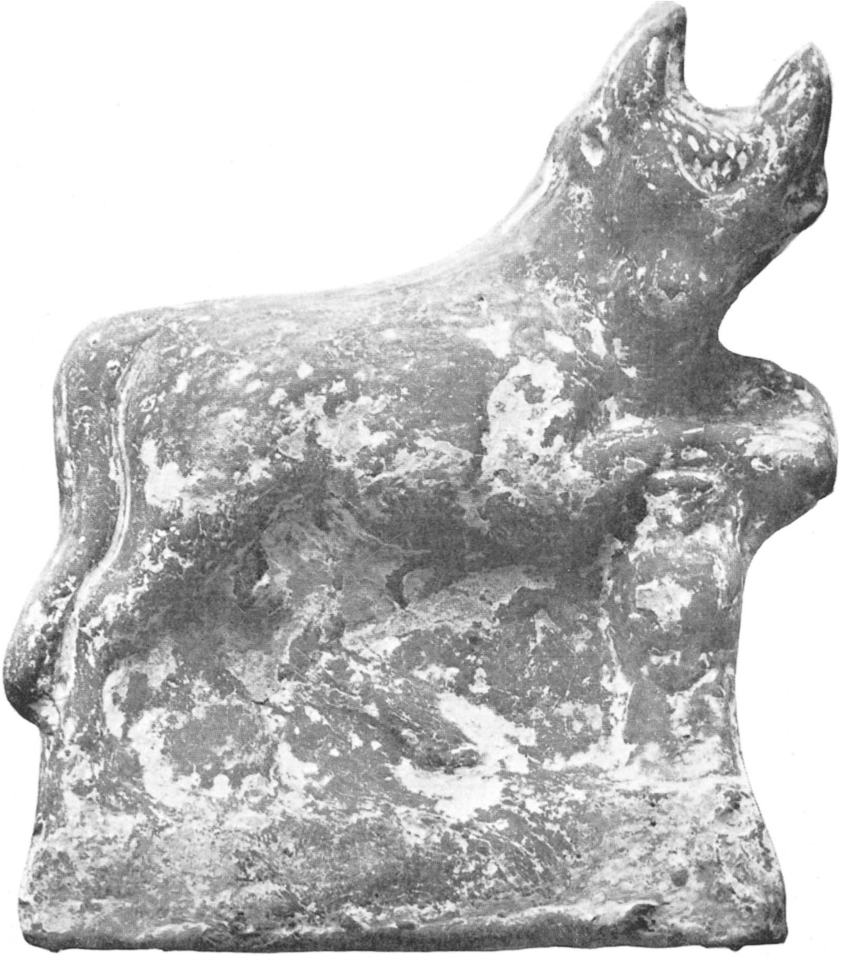

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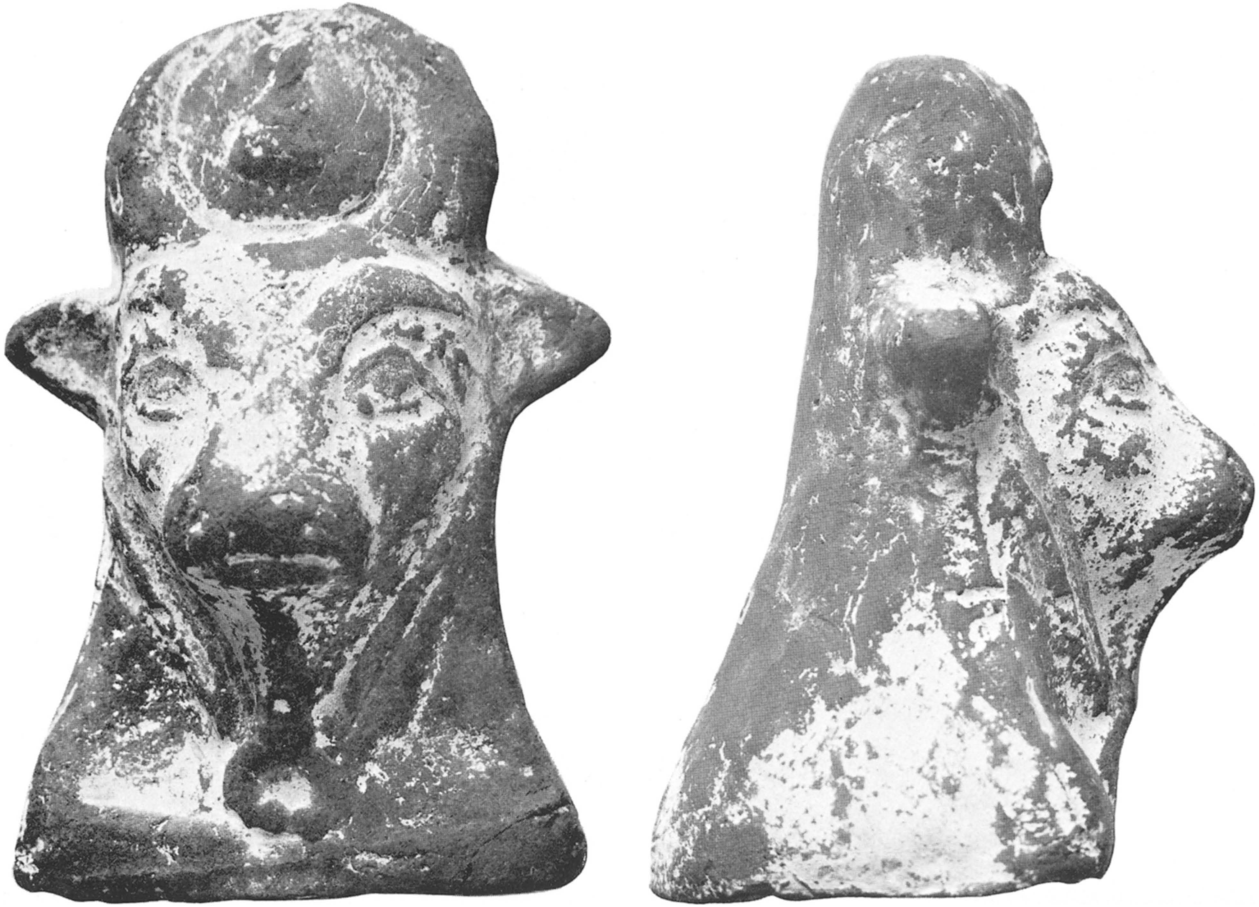

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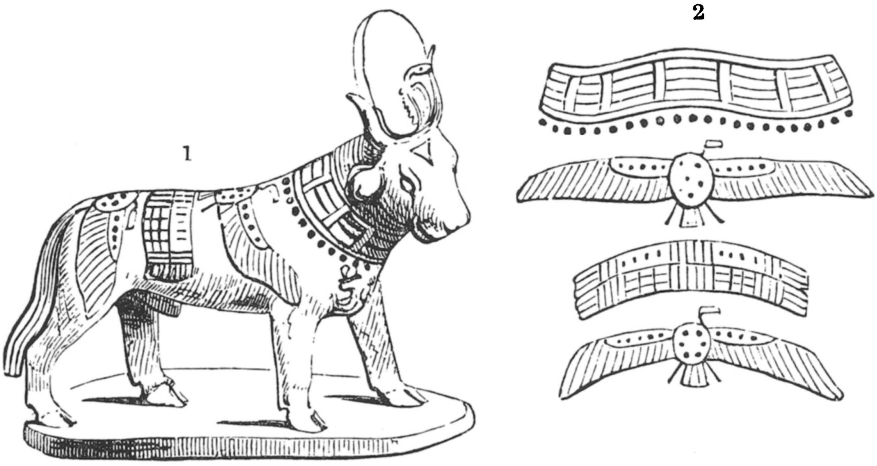

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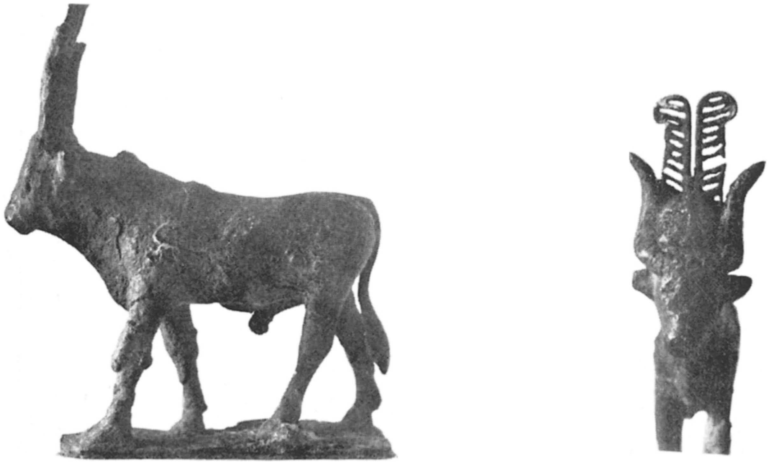

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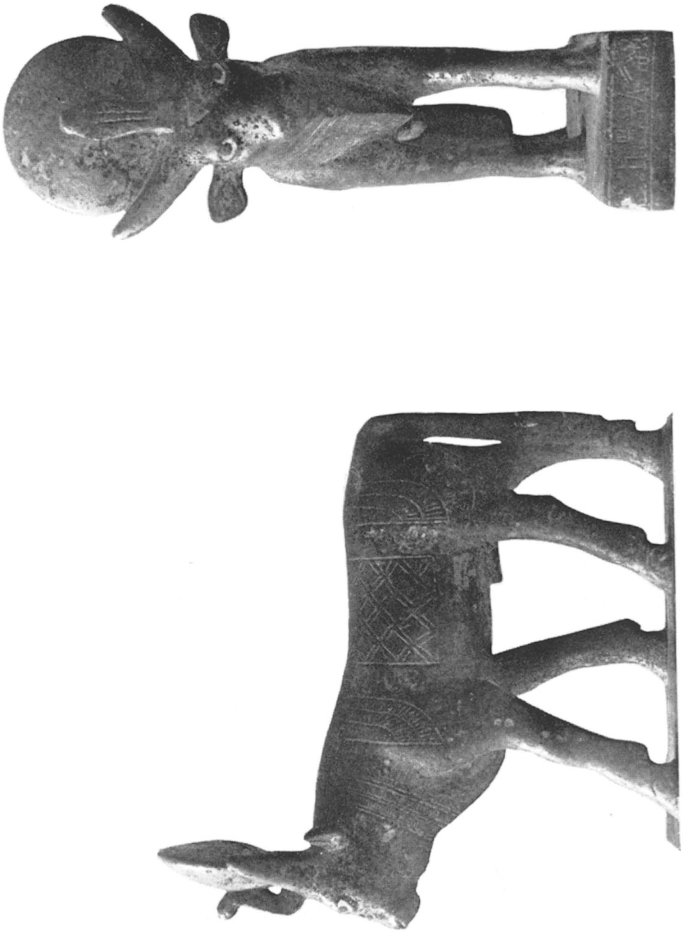

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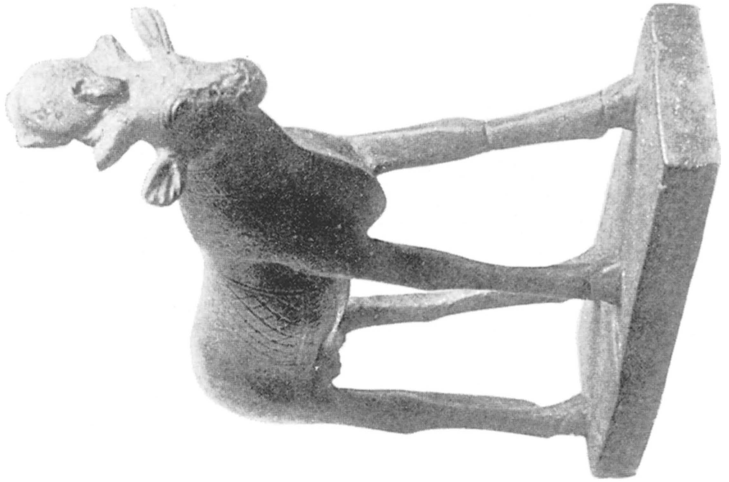

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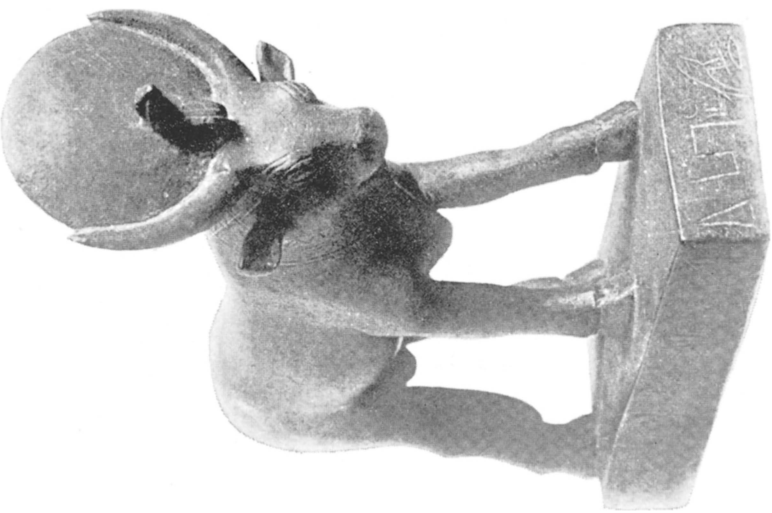

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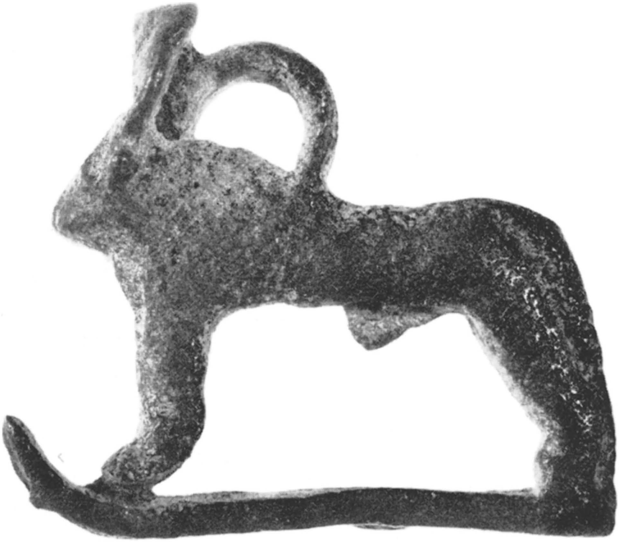

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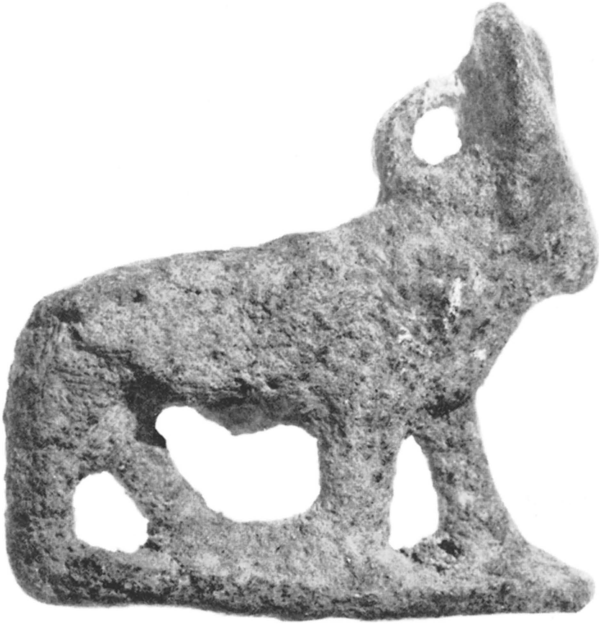

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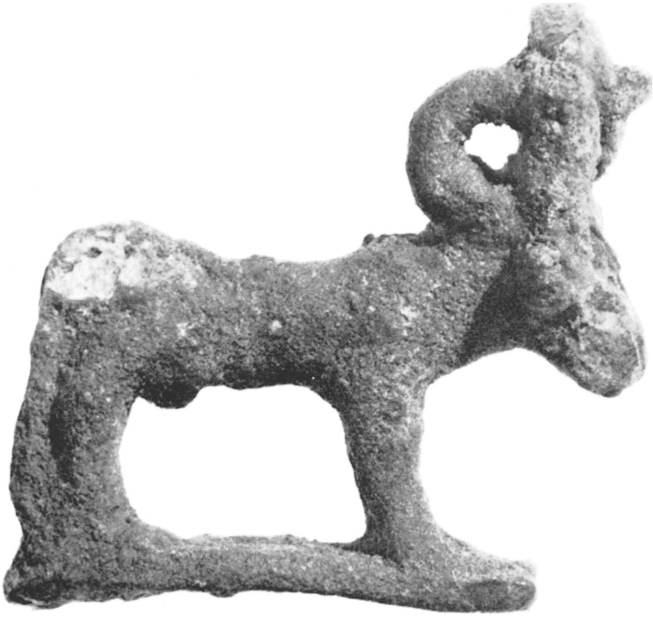

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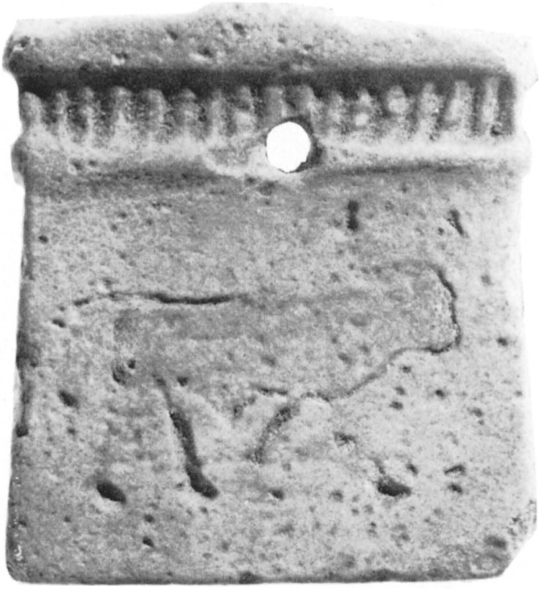
PLATE CXX



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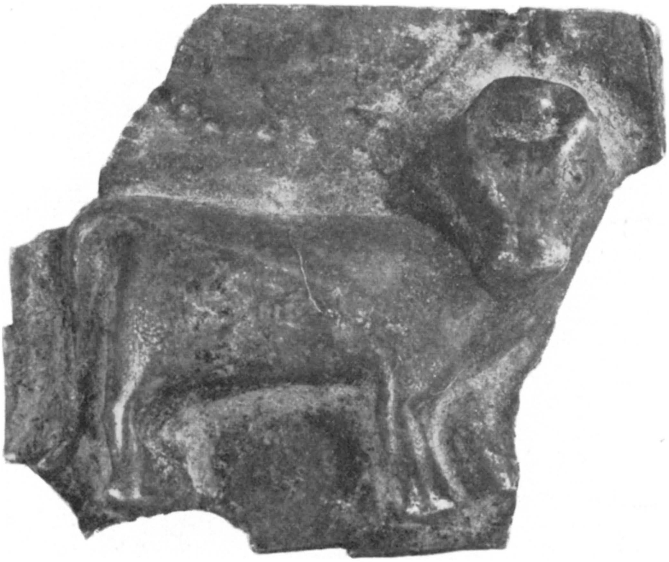

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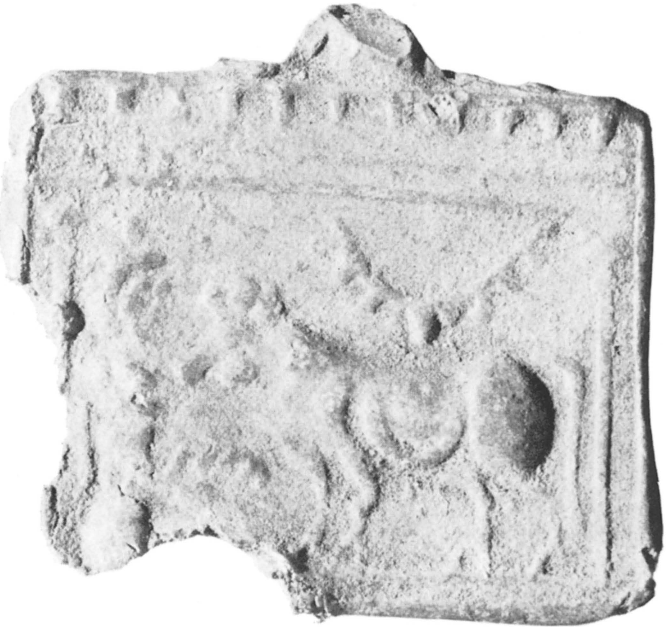

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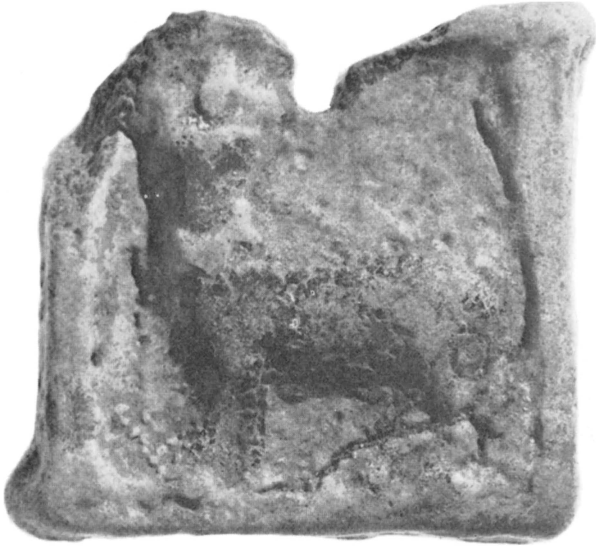

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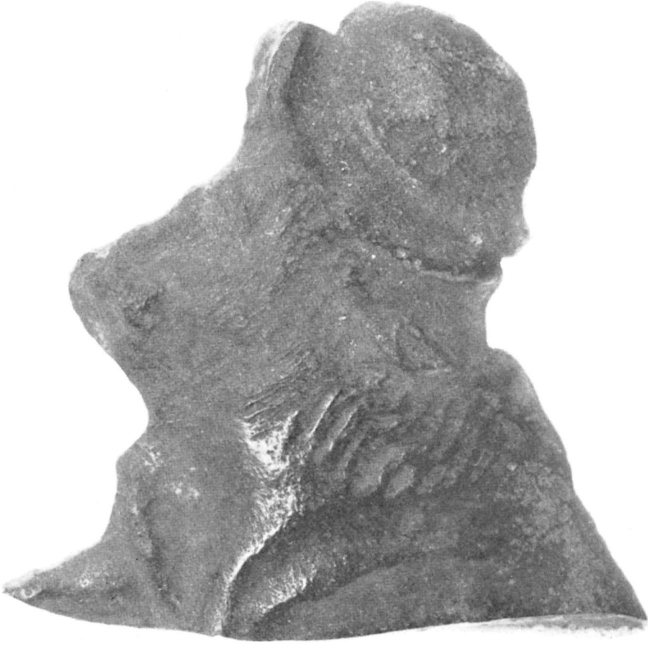

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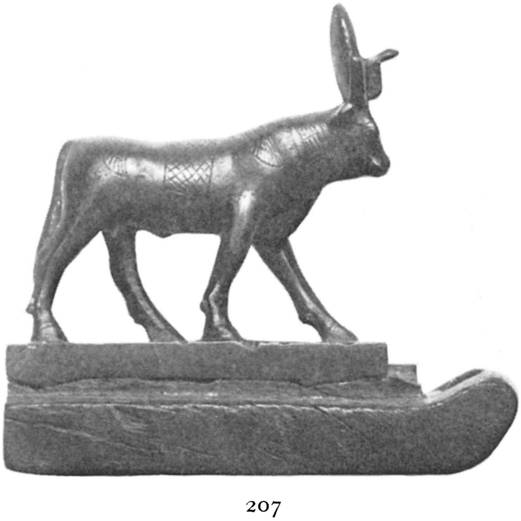

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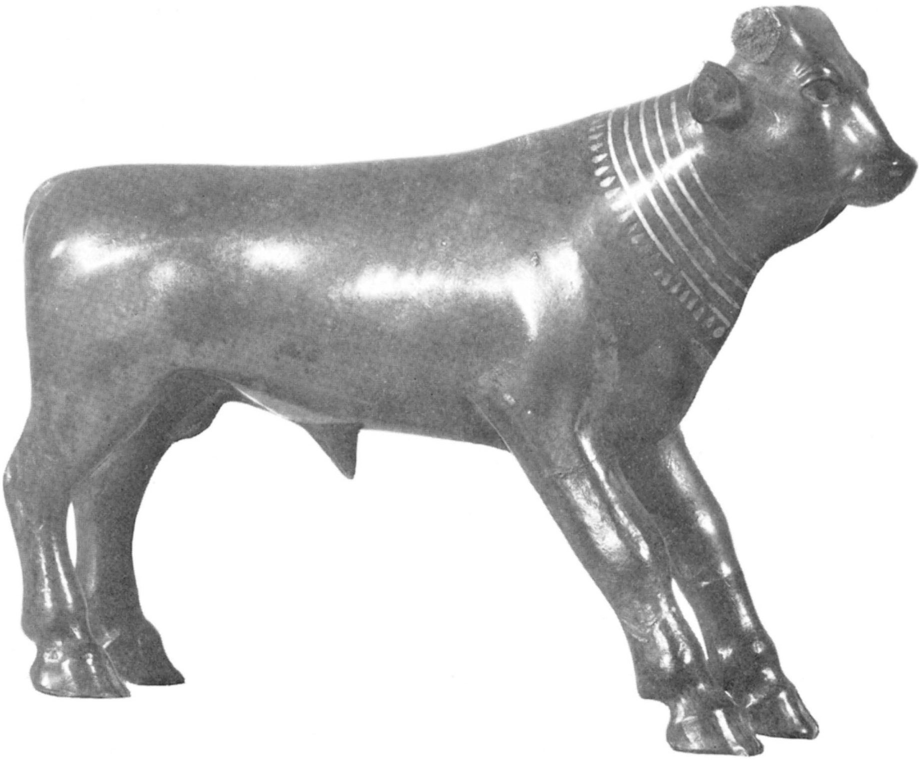

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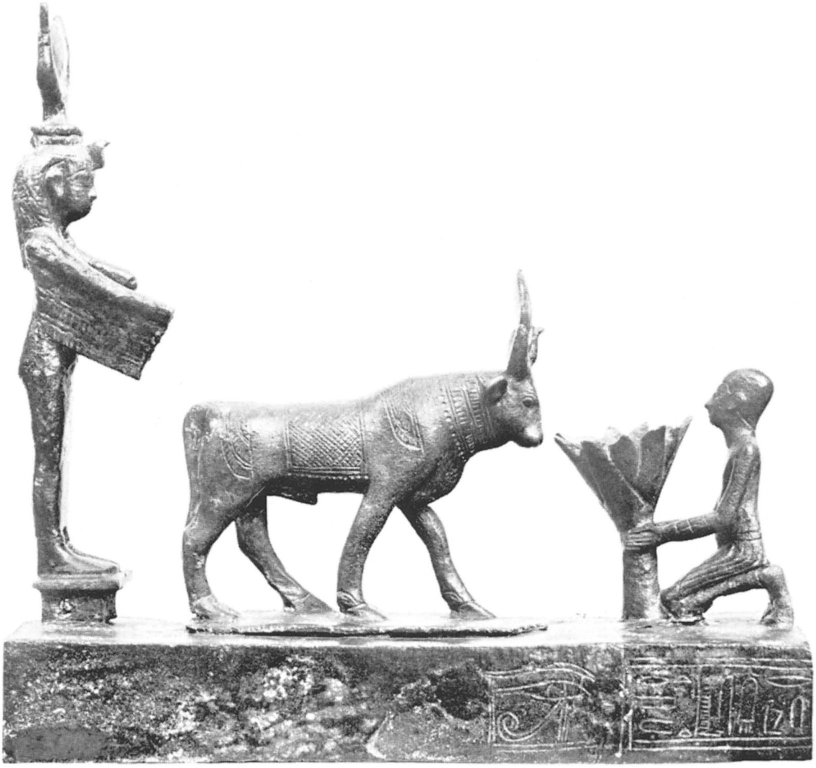

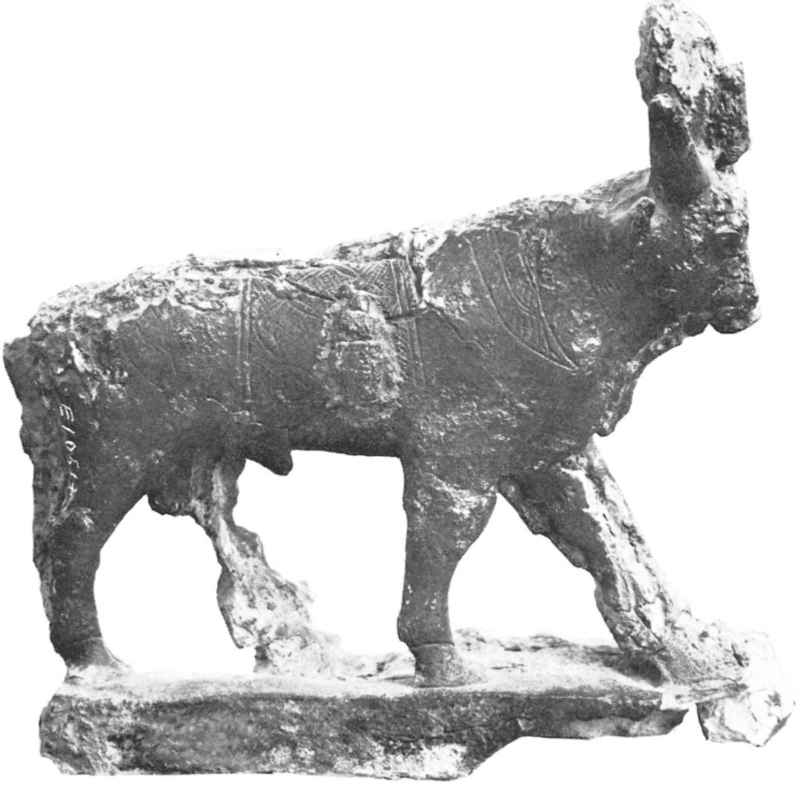

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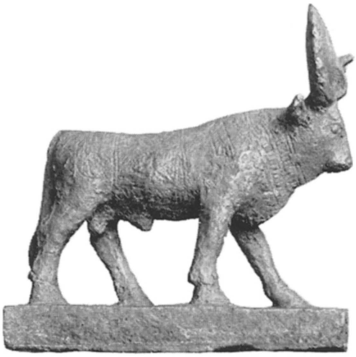

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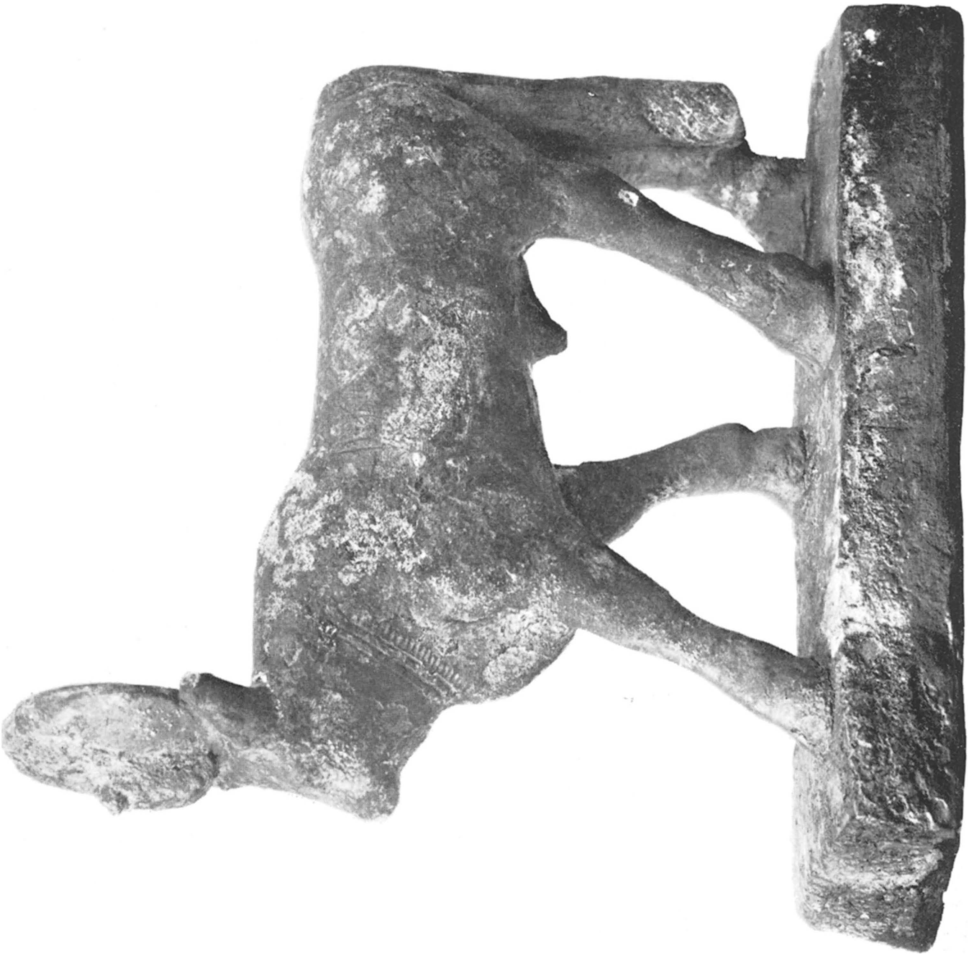

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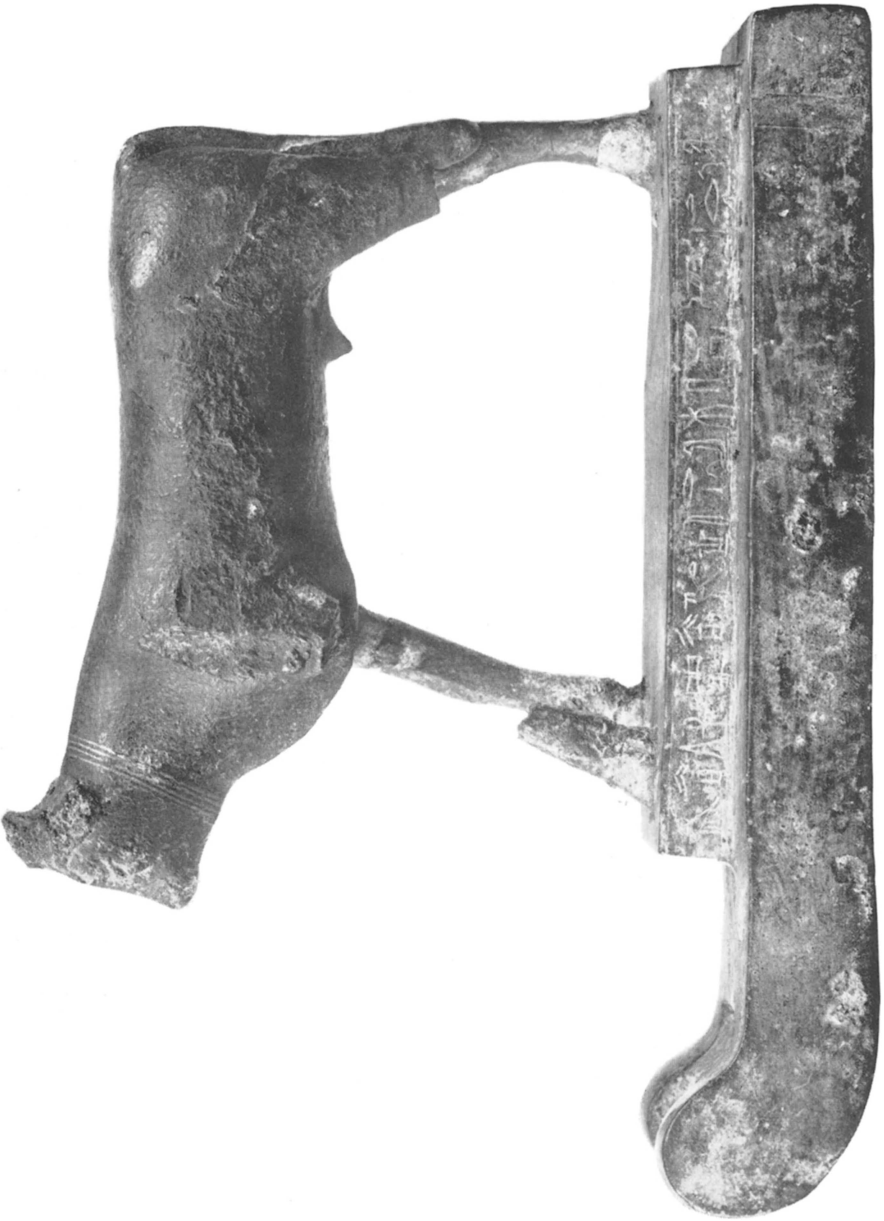

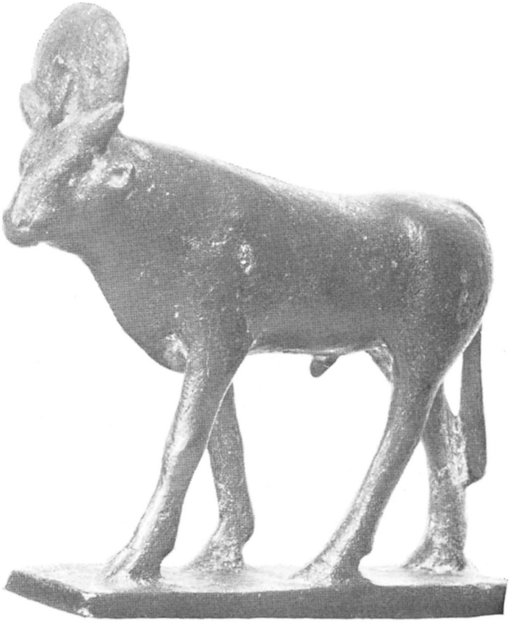

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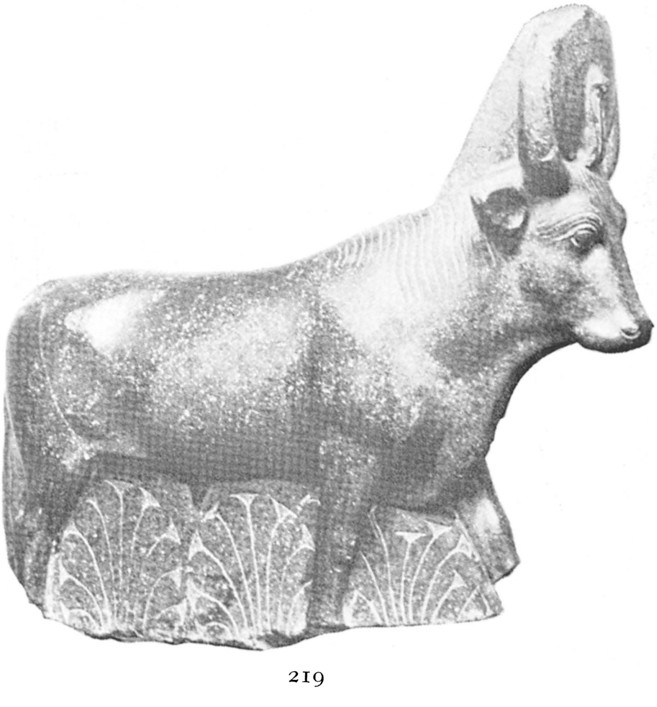

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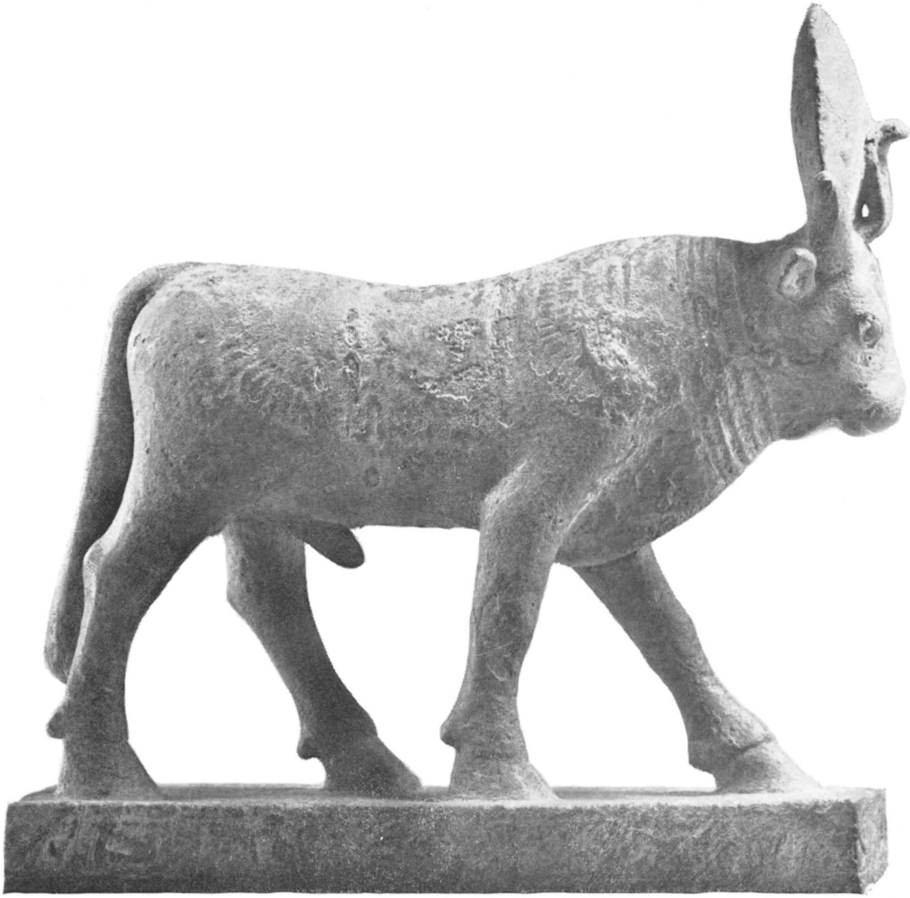
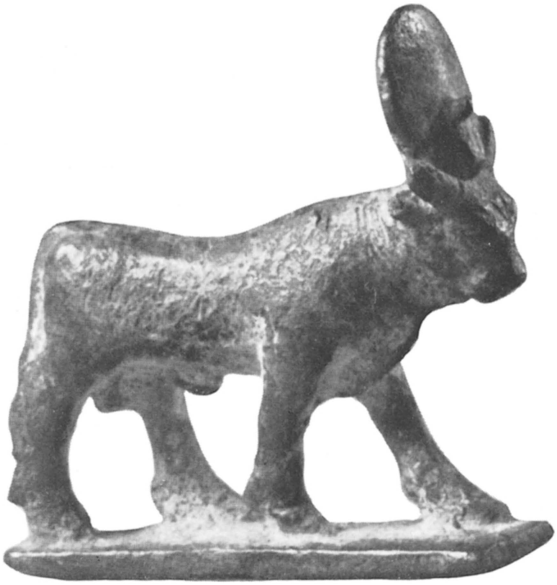


Plate CXXX



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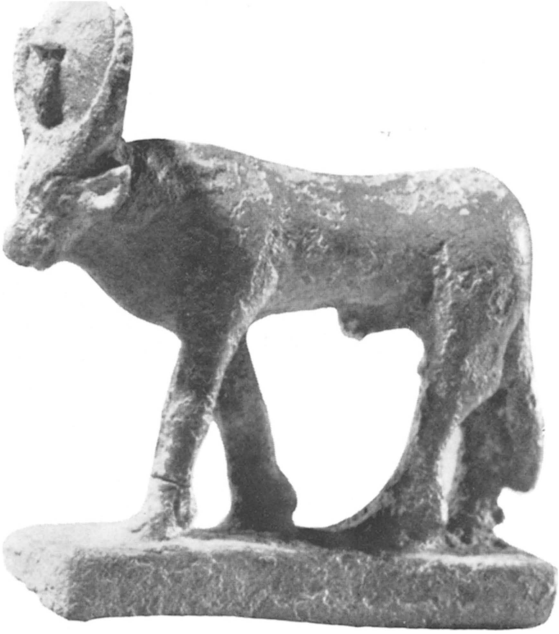

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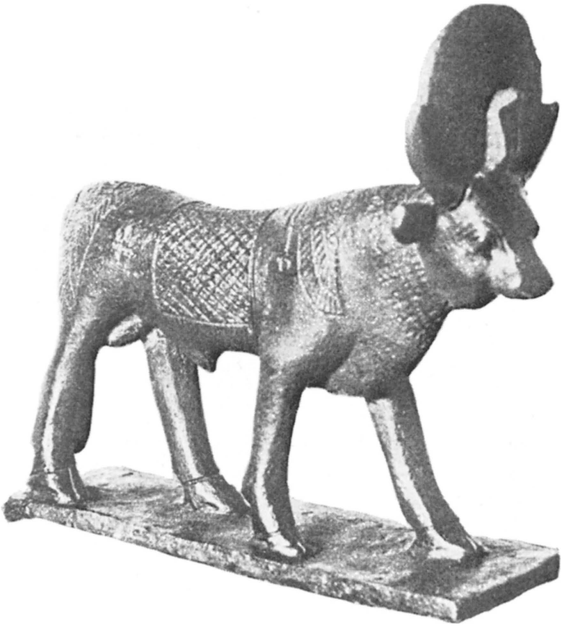

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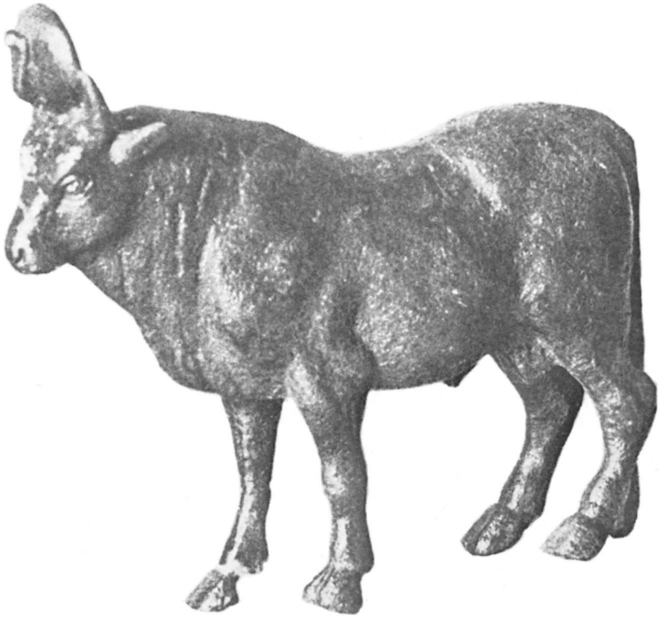

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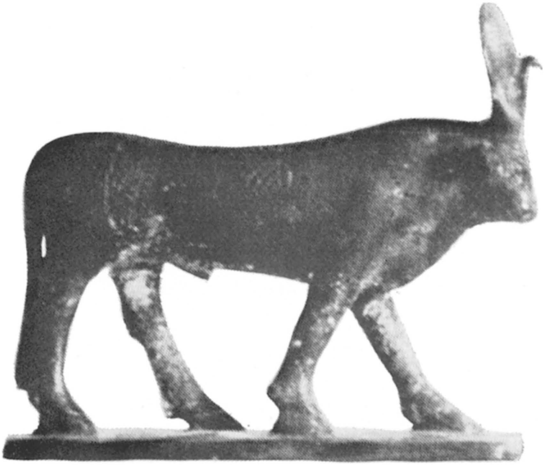

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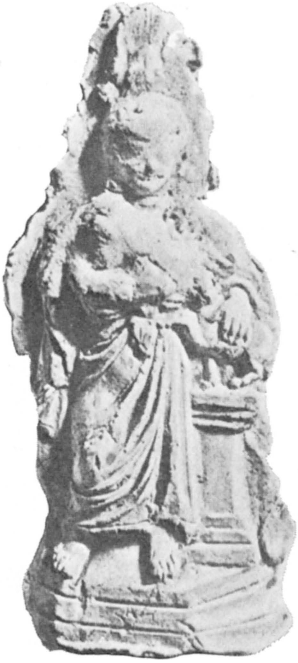

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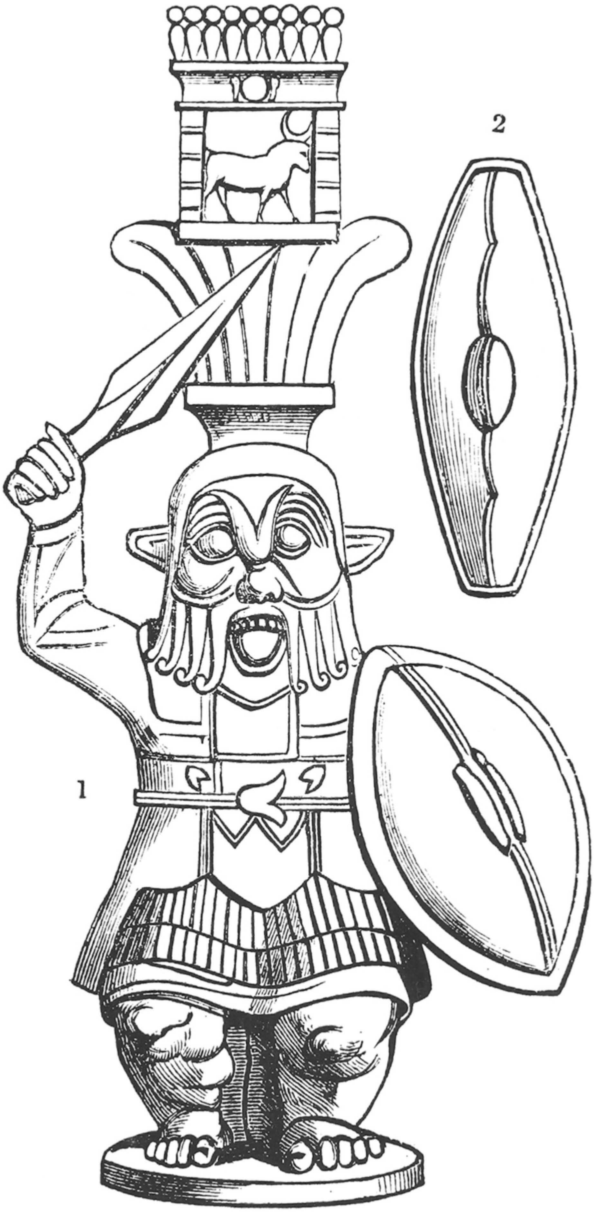

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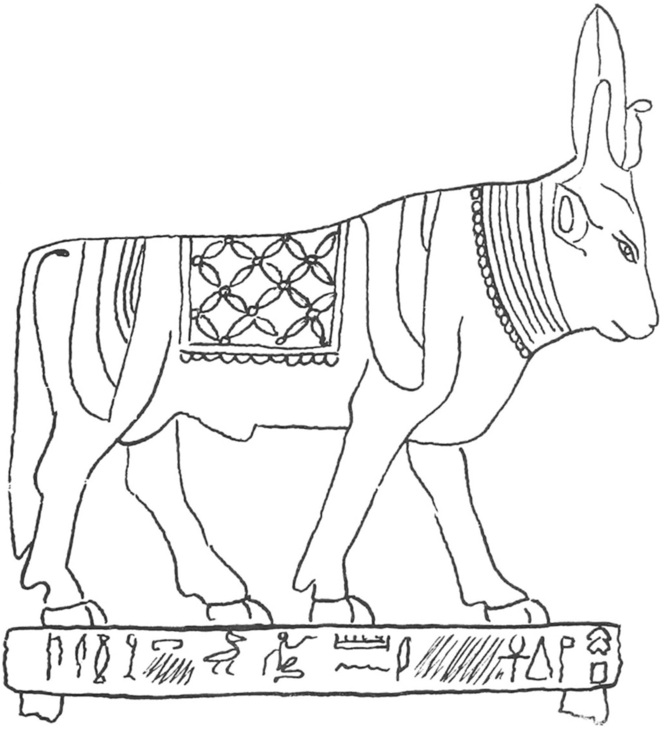

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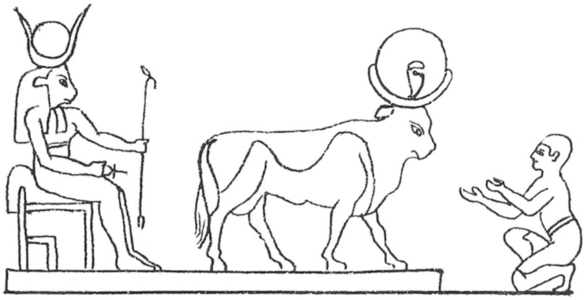

a

b

c

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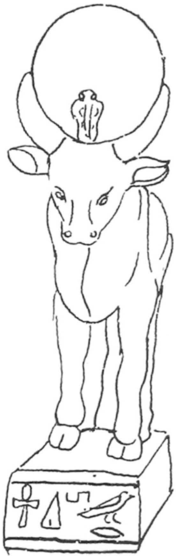

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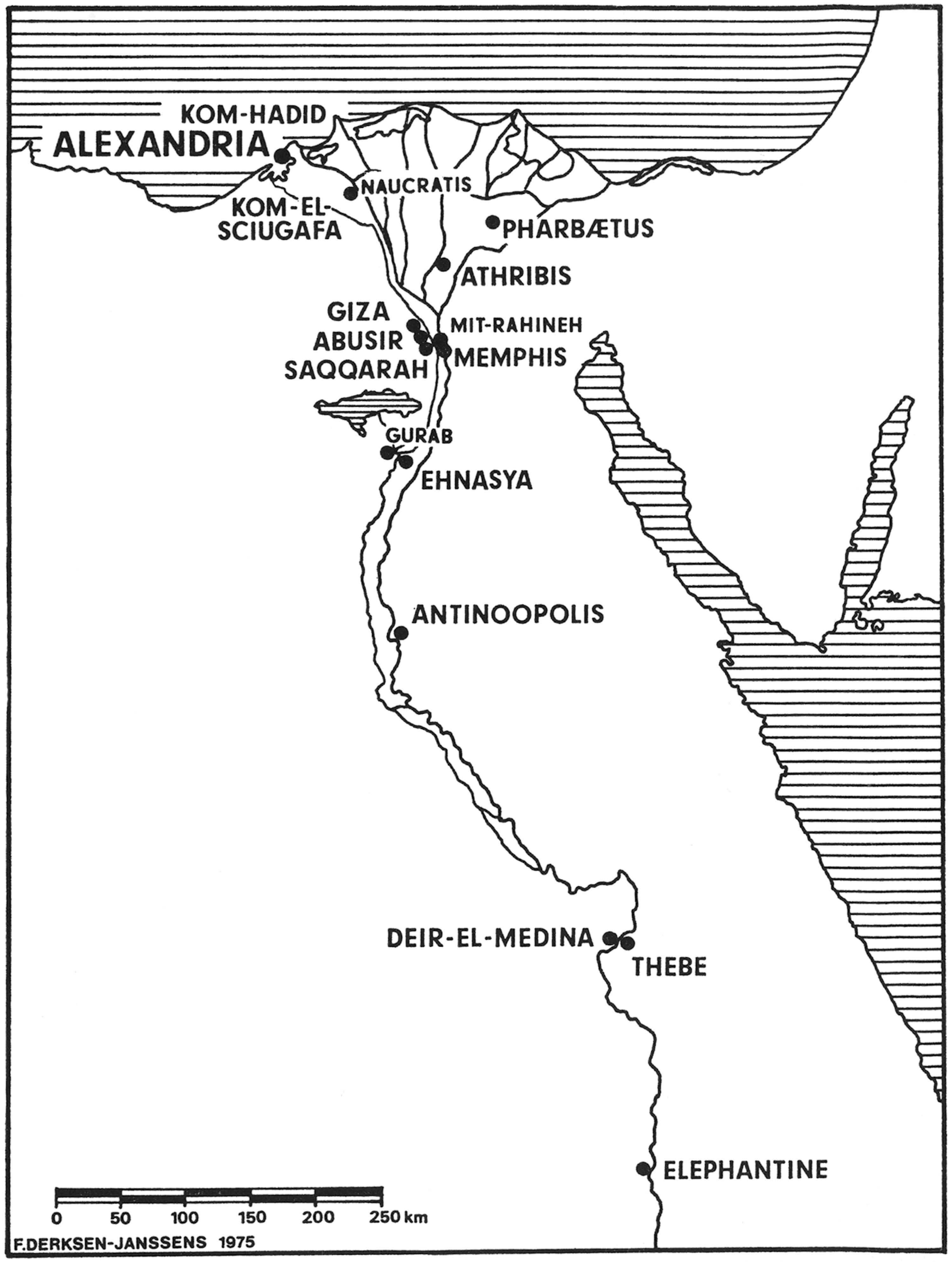
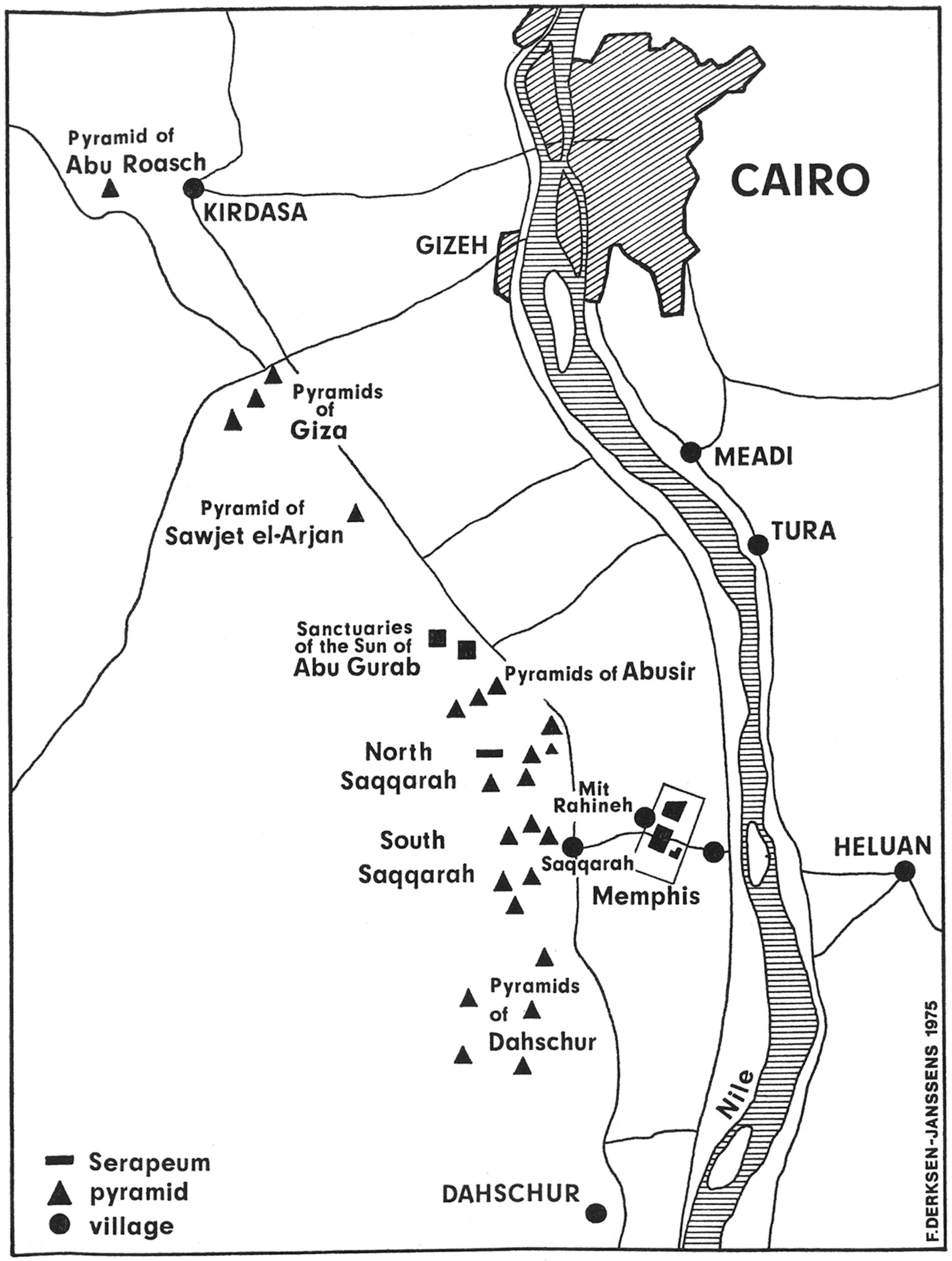

KOM-HADID
ALEXANDRIA
NAUCRATIS
KOM-EL-SCIUGAFA
PHARBÆTUS
ATHRIBIS
GIZA
ABUSIR
SAQQARAH
MIT-RAHINEH
MEMPHIS
GURAB
EHNASYA
ANTINOOPOLIS
DEIR-EL-MEDINA
THEBE
ELEPHANTINE
0 50 100 150 200 250 km
F.DERKSEN-JANSSENS 1975

Map 1


Pyramid of Abu Roasch
KIRDASA
GIZEH
CAIRO
Pyramids of Giza
MEADI
Pyramid of Sawjet el-Arjan
TURA
Sanctuaries of the Sun of Abu Gurab
Pyramids of Abusir
North Saqqarah
Mit Rahineh
South Saqqarah
Saqqarah
Memphis
HELUAN
Pyramids of Dahschur
Nile
DAHSCHUR
▬ Serapeum
▲ pyramid
● village
F.DERKSEN-JANSSENS 1975

Map 2